Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
Data File : BM038333.D
Acq On : 28 Dec 2022 17:46
Operator : CG/JU
Sample : SSTD01010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 01:55:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM122922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 29 01:45:50 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010013

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	71918	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	270472	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	173401	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	394582	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	422682	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	483195	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	8079	5.101	ng/uL	0.00
4) Pyridine-d5	3.805	84	46345	9.863	ng/ul	0.00
7) Phenol-d5	7.169	99	56698	9.702	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	39548	11.113	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	45731	9.539	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	43662	9.571	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	20034	9.355	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	23492	10.468	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	46205	10.840	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	58062	9.868	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	133423	10.793	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	153134	10.135	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	19933m	9.461	ng/ul	0.00
60) Fluorene-d10	15.627	176	118166	10.729	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	24065	11.407	ng/ul	0.00
73) Anthracene-d10	17.474	188	187151	10.163	ng/ul	0.00
81) Pyrene-d10	19.762	212	232029	9.138	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	241097	9.990	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	8806	5.300	ng/uL	96
5) Pyridine	3.828	79	51913	10.994	ng/ul	98
6) Benzaldehyde	7.146	77	24942	11.411	ng/ul	96
8) Phenol	7.193	94	59081	10.080	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	50550	10.503	ng/ul	97
12) 2-Chlorophenol	7.569	128	46342	9.452	ng/ul	96
13) 2-Methylphenol	8.451	108	42868	9.557	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.540	45	71232	8.196	ng/ul	98
16) Acetophenone	8.840	105	74645	10.404	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.816	70	42510	12.578	ng/ul	98
18) 4-Methylphenol	8.787	108	46657	9.616	ng/ul	88
19) Hexachloroethane	9.087	117	22477	11.467	ng/ul	99
22) Nitrobenzene	9.222	77	61619	13.373	ng/ul	99
23) Isophorone	9.745	82	108129	12.806	ng/ul	99
25) 2-Nitrophenol	9.934	139	25536	10.854	ng/ul	94
26) 2,4-Dimethylphenol	9.992	107	54566	11.993	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	65697	11.705	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	44883	10.732	ng/ul	95
30) Naphthalene	10.869	128	144140	9.875	ng/ul	99
32) 4-Chloroaniline	10.986	127	59841	10.199	ng/ul	97
33) Hexachlorobutadiene	11.145	225	37333	13.570	ng/ul	96
34) Caprolactam	11.769	113	11259m	10.495	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	44992	11.819	ng/ul	96
36) 2-Methylnaphthalene	12.475	142	94110	9.941	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
Data File : BM038333.D
Acq On : 28 Dec 2022 17:46
Operator : CG/JU
Sample : SSTD01010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 01:55:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM122922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 29 01:45:50 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010013

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	96366	9.955	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.839	216	65510	11.563	ng/ul	97
40) Hexachlorocyclopentadiene	12.810	237	38287	11.813	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	40131	11.628	ng/ul	97
42) 2,4,5-Trichlorophenol	13.151	196	41883	11.637	ng/ul	92
43) 1,1'-Biphenyl	13.475	154	132185	9.484	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	106405	9.896	ng/ul	99
45) 2-Nitroaniline	13.733	65	30011	11.584	ng/ul	95
47) Dimethylphthalate	14.092	163	133978	10.985	ng/ul	98
48) 2,6-Dinitrotoluene	14.222	165	24626	10.394	ng/ul	95
50) Acenaphthylene	14.363	152	158184	9.521	ng/ul	98
51) 3-Nitroaniline	14.551	138	19626	8.303	ng/ul	91
52) Acenaphthene	14.704	153	112790	9.815	ng/ul	96
53) 2,4-Dinitrophenol	14.763	184	14047	12.083	ng/ul	93
55) 4-Nitrophenol	14.857	109	19649	14.142	ng/ul	88
56) Dibenzofuran	15.033	168	162674	10.369	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	35452	11.050	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.263	232	37511	12.390	ng/ul	98
59) Diethylphthalate	15.445	149	135812	11.177	ng/ul	100
61) Fluorene	15.680	166	131975	10.315	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.674	204	72530	11.600	ng/ul	99
63) 4-Nitroaniline	15.710	138	17998	8.398	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.763	198	23510	11.512	ng/ul#	91
67) N-Nitrosodiphenylamine	15.886	169	110254	9.263	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	44523	10.293	ng/ul	96
69) Hexachlorobenzene	16.680	284	53372	10.337	ng/ul	98
70) Atrazine	16.833	200	44523	10.946	ng/ul	98
71) Pentachlorophenol	17.027	266	27579	9.607	ng/ul	96
72) Phenanthrene	17.421	178	214819	9.969	ng/ul	99
74) Anthracene	17.510	178	213009	9.727	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	65328	10.241	ng/uL	97
76) Pentachlorobenzene	14.951	250	61308	9.702	ng/uL	94
77) Carbazole	17.786	167	178895	9.429	ng/ul	99
78) Di-n-butylphthalate	18.333	149	231870	10.282	ng/ul	99
80) Fluoranthene	19.433	202	261968	8.742	ng/ul	99
82) Pyrene	19.792	202	278201	8.921	ng/ul	100
83) Butylbenzylphthalate	20.674	149	107577	9.277	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.468	252	90179	10.782	ng/ul	98
85) Benzo(a)anthracene	21.533	228	293049	10.298	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.445	149	165721	9.823	ng/ul	99
87) Chrysene	21.586	228	285285	10.685	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	297028	9.594	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	307941	10.280	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	302669	10.425	ng/ul	98
93) Benzo(a)pyrene	23.874	252	270314	10.261	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.527	276	343174	10.115	ng/ul	98
95) Dibenzo(a,h)anthracene	26.538	278	284306	9.940	ng/ul	99
96) Benzo(g,h,i)perylene	27.315	276	286140	10.564	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
Data File : BM038333.D
Acq On : 28 Dec 2022 17:46
Operator : CG/JU
Sample : SSTD01010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 29 01:55:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM122922.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 29 01:45:50 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD010013

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2023
Supervised By :Yogesh Patel 01/03/2023