Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013023\
Data File : BM038611.D
Acq On : 30 Jan 2023 18:39
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jan 31 01:12:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 01:02:54 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV032

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

01/31/2023
Supervised By :Yogesh Patel

01/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	34182	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	112582	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	84473	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	182835	20.000	ng/ul	0.00
79) Chrysene-d12	21.509	240	171995	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	234336	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	7723	8.056	ng/uL	0.00
4) Pyridine-d5	3.763	84	46038	19.178	ng/ul	0.00
7) Phenol-d5	7.122	99	42609	18.674	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	25527	19.167	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	37357	19.743	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	33711	18.517	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	16613	19.467	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	23824	21.140	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	51540	20.664	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	44629	18.412	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	135329	19.394	ng/ul	0.00
49) Acenaphthylene-d8	14.286	160	149920	20.190	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	15341m	15.892	ng/ul	0.00
60) Fluorene-d10	15.580	176	117950	18.901	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	26858	17.161	ng/ul	0.00
73) Anthracene-d10	17.433	188	178966	19.446	ng/ul	0.00
81) Pyrene-d10	19.721	212	195040	22.008	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.756	264	244636	20.339	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	7785	7.537	ng/uL	97
5) Pyridine	3.781	79	46330	18.793	ng/ul	99
6) Benzaldehyde	7.098	77	20687	19.664	ng/ul	91
8) Phenol	7.145	94	42808	18.739	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.381	93	30911	18.938	ng/ul	89
12) 2-Chlorophenol	7.516	128	37664	19.836	ng/ul	96
13) 2-Methylphenol	8.404	108	33170	19.111	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.492	45	33004	19.572	ng/ul	94
16) Acetophenone	8.787	105	59911	18.628	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.769	70	30522	20.650	ng/ul#	98
18) 4-Methylphenol	8.734	108	34560	18.759	ng/ul	99
19) Hexachloroethane	9.034	117	17963	18.756	ng/ul#	83
22) Nitrobenzene	9.169	77	50918	19.824	ng/ul	98
23) Isophorone	9.692	82	80344	20.672	ng/ul	99
25) 2-Nitrophenol	9.881	139	23370	20.921	ng/ul	98
26) 2,4-Dimethylphenol	9.939	107	48557	20.012	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	40890	20.633	ng/ul	97
29) 2,4-Dichlorophenol	10.416	162	48804	20.588	ng/ul	97
30) Naphthalene	10.816	128	112822	20.198	ng/ul	98
32) 4-Chloroaniline	10.933	127	45038	18.517	ng/ul	99
33) Hexachlorobutadiene	11.086	225	46863	19.022	ng/ul	95
34) Caprolactam	11.722	113	7996m	17.145	ng/ul	
35) 4-Chloro-3-methylphenol	12.051	107	38941	20.796	ng/ul#	91
36) 2-Methylnaphthalene	12.422	142	87020	20.945	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.639	142	89427	20.851	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.786	216	74339	17.878	ng/ul	95
40) Hexachlorocyclopentadiene	12.757	237	53790	18.128	ng/ul	97
41) 2,4,6-Trichlorophenol	13.027	196	47809	18.884	ng/ul	94
42) 2,4,5-Trichlorophenol	13.104	196	50460	18.664	ng/ul	93
43) 1,1'-Biphenyl	13.427	154	132782	20.443	ng/ul	100
44) 2-Chloronaphthalene	13.469	162	108215	20.055	ng/ul	96
45) 2-Nitroaniline	13.686	65	27232	18.868	ng/ul#	79
47) Dimethylphthalate	14.051	163	135129	19.680	ng/ul	100
48) 2,6-Dinitrotoluene	14.180	165	25109	19.745	ng/ul	98
50) Acenaphthylene	14.316	152	150412	20.256	ng/ul	98
51) 3-Nitroaniline	14.510	138	16659	18.200	ng/ul	92
52) Acenaphthene	14.657	153	108623	19.653	ng/ul	97
53) 2,4-Dinitrophenol	14.721	184	16306	15.951	ng/ul	91
55) 4-Nitrophenol	14.816	109	26115	16.126	ng/ul#	90
56) Dibenzofuran	14.986	168	162049	19.713	ng/ul	94
57) 2,4-Dinitrotoluene	14.963	165	36817	19.643	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.216	232	41136	17.378	ng/ul#	97
59) Diethylphthalate	15.404	149	123879	19.245	ng/ul	99
61) Fluorene	15.633	166	132007	19.067	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.627	204	84213	17.287	ng/ul	96
63) 4-Nitroaniline	15.668	138	13744	18.212	ng/ul	82
66) 4,6-Dinitro-2-methylph...	15.721	198	26223	17.754	ng/ul	95
67) N-Nitrosodiphenylamine	15.845	169	110191	21.376	ng/ul	96
68) 4-Bromophenyl-phenylether	16.521	248	50795	19.717	ng/ul	98
69) Hexachlorobenzene	16.633	284	58208	19.355	ng/ul	97
70) Atrazine	16.792	200	47702	18.443	ng/ul	96
71) Pentachlorophenol	16.980	266	32610	16.952	ng/ul	94
72) Phenanthrene	17.374	178	191170	20.008	ng/ul	99
74) Anthracene	17.468	178	199500	19.939	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.392	216	69928	19.899	ng/uL	96
76) Pentachlorobenzene	14.904	250	71660	19.597	ng/uL	98
77) Carbazole	17.739	167	154489	17.788	ng/ul	97
78) Di-n-butylphthalate	18.292	149	172956	20.584	ng/ul	98
80) Fluoranthene	19.386	202	231065	22.494	ng/ul	99
82) Pyrene	19.751	202	240044	22.019	ng/ul	99
83) Butylbenzylphthalate	20.639	149	67019	21.314	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.427	252	83174	19.685	ng/ul#	97
85) Benzo(a)anthracene	21.492	228	241541	19.825	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.403	149	93036	20.794	ng/ul	96
87) Chrysene	21.545	228	225591	20.004	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	169810	17.110	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	295245	20.379	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	279707	19.369	ng/ul	98
93) Benzo(a)pyrene	23.809	252	265330	19.776	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	415853	19.609	ng/ul	100
95) Dibenzo(a,h)anthracene	26.427	278	353703	19.651	ng/ul	96
96) Benzo(g,h,i)perylene	27.191	276	344282	20.001	ng/ul	99

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

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