Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122922\
Data File : BM038334.D
Acq On : 28 Dec 2022 18:23
Operator : CG/JU
Sample : SSTD02011
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 01:56:14 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 :
SSTD020014

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	89905	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	347388	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	228529	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	528573	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	555507	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	620321	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	17442m	8.809	ng/uL	0.00
4) Pyridine-d5	3.799	84	110318	18.781	ng/ul	0.00
7) Phenol-d5	7.169	99	126748	17.349	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	88604	19.917	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	100881	16.833	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	99149	17.386	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	48084	17.482	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	55094	19.114	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	109777	20.051	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	134155	17.752	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	303068	18.602	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	353800	17.768	ng/ul	0.00
54) 4-Nitrophenol-d4	14.845	143	49988	18.003	ng/ul	0.00
60) Fluorene-d10	15.628	176	265591	18.297	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	60286	21.333	ng/ul	0.00
73) Anthracene-d10	17.480	188	429249	17.400	ng/ul	0.00
81) Pyrene-d10	19.763	212	523714	15.694	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	537842	17.359	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	17564	8.456	ng/uL	100
5) Pyridine	3.822	79	117756	19.949	ng/ul	100
6) Benzaldehyde	7.146	77	54810	20.059	ng/ul	100
8) Phenol	7.199	94	133568	18.229	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.428	93	110544	18.373	ng/ul	100
12) 2-Chlorophenol	7.569	128	102841	16.779	ng/ul	100
13) 2-Methylphenol	8.457	108	94924	16.929	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.540	45	154700	14.239	ng/ul	100
16) Acetophenone	8.840	105	173154	19.306	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.816	70	93563	22.145	ng/ul	100
18) 4-Methylphenol	8.787	108	103662	17.090	ng/ul	100
19) Hexachloroethane	9.087	117	49188	20.074	ng/ul	100
22) Nitrobenzene	9.222	77	139887	23.637	ng/ul	100
23) Isophorone	9.746	82	249189	22.978	ng/ul	100
25) 2-Nitrophenol	9.934	139	57686	19.090	ng/ul	100
26) 2,4-Dimethylphenol	9.993	107	125021	21.394	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.228	93	148903	20.655	ng/ul	100
29) 2,4-Dichlorophenol	10.469	162	101328	18.864	ng/ul	100
30) Naphthalene	10.869	128	321692	17.160	ng/ul	100
32) 4-Chloroaniline	10.987	127	136040	18.052	ng/ul	100
33) Hexachlorobutadiene	11.145	225	84060	23.789	ng/ul	100
34) Caprolactam	11.775	113	27776m	20.159	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	106010	21.682	ng/ul	100
36) 2-Methylnaphthalene	12.475	142	214022	17.602	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	218713	17.591	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	147466	19.749	ng/ul	100
40) Hexachlorocyclopentadiene	12.810	237	94468	22.116	ng/ul	100
41) 2,4,6-Trichlorophenol	13.081	196	92687	20.378	ng/ul	100
42) 2,4,5-Trichlorophenol	13.151	196	96631	20.371	ng/ul	100
43) 1,1'-Biphenyl	13.475	154	299716	16.316	ng/ul	100
44) 2-Chloronaphthalene	13.522	162	245546	17.328	ng/ul	100
45) 2-Nitroaniline	13.733	65	72941	21.362	ng/ul	100
47) Dimethylphthalate	14.092	163	308132	19.169	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	59023	18.903	ng/ul	100
50) Acenaphthylene	14.363	152	367663	16.792	ng/ul	100
51) 3-Nitroaniline	14.551	138	47648	15.295	ng/ul	100
52) Acenaphthene	14.704	153	256457	16.934	ng/ul	100
53) 2,4-Dinitrophenol	14.757	184	37722	24.620	ng/ul	100
55) 4-Nitrophenol	14.857	109	48473	26.471	ng/ul	100
56) Dibenzofuran	15.033	168	364208	17.615	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	86687	20.501	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	89463	22.421	ng/ul	100
59) Diethylphthalate	15.451	149	310454	19.387	ng/ul	100
61) Fluorene	15.680	166	302098	17.916	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.675	204	166743	20.234	ng/ul	100
63) 4-Nitroaniline	15.710	138	46590	16.494	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.769	198	58577	21.411	ng/ul	100
67) N-Nitrosodiphenylamine	15.886	169	251335	15.763	ng/ul	100
68) 4-Bromophenyl-phenylether	16.569	248	103168	17.805	ng/ul	100
69) Hexachlorobenzene	16.680	284	118433	17.124	ng/ul	100
70) Atrazine	16.833	200	103058	18.914	ng/ul	100
71) Pentachlorophenol	17.027	266	67938	17.667	ng/ul	100
72) Phenanthrene	17.422	178	482801	16.726	ng/ul	100
74) Anthracene	17.510	178	498135	16.981	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.445	216	145373	17.012	ng/uL	100
76) Pentachlorobenzene	14.951	250	140289	16.573	ng/uL	100
77) Carbazole	17.786	167	418895	16.482	ng/ul	100
78) Di-n-butylphthalate	18.333	149	536064	17.745	ng/ul	100
80) Fluoranthene	19.427	202	603085	15.314	ng/ul	100
82) Pyrene	19.792	202	640610	15.630	ng/ul	100
83) Butylbenzylphthalate	20.680	149	250465	16.434	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.468	252	209133	19.025	ng/ul	100
85) Benzo(a)anthracene	21.533	228	672169	17.973	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	389300	17.558	ng/ul	100
87) Chrysene	21.586	228	651155	18.557	ng/ul	100
89) Di-n-octyl phthalate	22.374	149	694554	17.474	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	681158	17.712	ng/ul	100
91) Benzo(k)fluoranthene	23.286	252	672440	18.042	ng/ul	100
93) Benzo(a)pyrene	23.880	252	606370	17.930	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.527	276	764385	17.550	ng/ul	100
95) Dibenzo(a,h)anthracene	26.539	278	633641	17.257	ng/ul	100
96) Benzo(g,h,i)perylene	27.315	276	624176	17.949	ng/ul	100

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

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