Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031323\
Data File : BM039013.D
Acq On : 14 Mar 2023 14:44
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020109

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/15/2023
Supervised By :Jagrut Upadhyay 03/15/2023

Quant Time: Mar 15 01:06:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031323.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 13 16:25:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	385169	20.000	ng/ul	0.00
20) Naphthalene-d8	10.798	136	1752968	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1132772	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2422771	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	2283906	20.000	ng/ul	0.00
88) Perylene-d12	24.003	264	2229619	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	91413	8.276	ng/uL	0.00
4) Pyridine-d5	3.793	84	663704	21.244	ng/ul	0.00
7) Phenol-d5	7.139	99	748692	20.192	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	498053	20.785	ng/ul	0.00
11) 2-Chlorophenol-d4	7.510	132	579397	20.991	ng/ul	0.00
15) 4-Methylphenol-d8	8.692	113	587027	20.237	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	302165	20.619	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	307382	20.818	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	569529	21.071	ng/ul	0.00
31) 4-Chloroaniline-d4	10.933	131	898118	20.544	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	1785262	20.808	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	2098061	21.055	ng/ul	0.00
54) 4-Nitrophenol-d4	14.815	143	362398	20.273	ng/ul	0.00
60) Fluorene-d10	15.615	176	1567339	20.937	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	288789	18.820	ng/ul	0.00
73) Anthracene-d10	17.468	188	2464710	21.100	ng/ul	0.00
81) Pyrene-d10	19.762	212	2765392	20.681	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.844	264	2414305	21.093	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	101138	8.357	ng/uL	99
5) Pyridine	3.810	79	695559	20.950	ng/ul	98
6) Benzaldehyde	7.116	77	443748m	24.423	ng/ul	
8) Phenol	7.163	94	791321	20.124	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.404	93	647730	20.680	ng/ul	98
12) 2-Chlorophenol	7.545	128	597231	20.958	ng/ul	98
13) 2-Methylphenol	8.428	108	589815	20.336	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.522	45	878741m	20.813	ng/ul	
16) Acetophenone	8.816	105	1016445	21.184	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.804	70	535074	21.604	ng/ul	98
18) 4-Methylphenol	8.757	108	661743	20.529	ng/ul	96
19) Hexachloroethane	9.075	117	256247	21.293	ng/ul	98
22) Nitrobenzene	9.192	77	775202	20.892	ng/ul	100
23) Isophorone	9.722	82	1493939	21.081	ng/ul	99
25) 2-Nitrophenol	9.910	139	335637	20.765	ng/ul	98
26) 2,4-Dimethylphenol	9.969	107	715277	20.902	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.210	93	912632	20.715	ng/ul	99
29) 2,4-Dichlorophenol	10.439	162	570199	20.982	ng/ul	97
30) Naphthalene	10.851	128	2052281	20.694	ng/ul	100
32) 4-Chloroaniline	10.957	127	905339	20.578	ng/ul	99
33) Hexachlorobutadiene	11.139	225	336936	20.723	ng/ul	98
34) Caprolactam	11.733	113	190796m	20.566	ng/ul	
35) 4-Chloro-3-methylphenol	12.074	107	659173	21.291	ng/ul	99
36) 2-Methylnaphthalene	12.457	142	1359336	21.118	ng/ul	100

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37) 1-Methylnaphthalene	12.674	142	1361537	21.057	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.821	216	676123	20.348	ng/ul	99
40) Hexachlorocyclopentadiene	12.804	237	421341	19.430	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	451773	20.788	ng/ul	98
42) 2,4,5-Trichlorophenol	13.127	196	496548	21.012	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	1852743	20.581	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	1432886	20.509	ng/ul	99
45) 2-Nitroaniline	13.704	65	444080	21.331	ng/ul	97
47) Dimethylphthalate	14.080	163	1804740	20.769	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	346410	21.632	ng/ul	99
50) Acenaphthylene	14.345	152	2328908	21.015	ng/ul	99
51) 3-Nitroaniline	14.527	138	385699	20.782	ng/ul	97
52) Acenaphthene	14.692	153	1608034	20.917	ng/ul	99
53) 2,4-Dinitrophenol	14.733	184	176618	17.586	ng/ul	94
55) 4-Nitrophenol	14.827	109	288019	20.732	ng/ul	97
56) Dibenzofuran	15.021	168	2204407	20.889	ng/ul	100
57) 2,4-Dinitrotoluene	14.986	165	515081	21.729	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.245	232	426223	21.180	ng/ul	98
59) Diethylphthalate	15.445	149	1883424	21.459	ng/ul	99
61) Fluorene	15.668	166	1866280	21.304	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.662	204	889110	21.222	ng/ul	97
63) 4-Nitroaniline	15.692	138	401378	22.726	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	293146	19.222	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	1543378	20.863	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	506143	20.731	ng/ul	99
69) Hexachlorobenzene	16.674	284	581296	20.429	ng/ul	99
70) Atrazine	16.833	200	531249	21.022	ng/ul	99
71) Pentachlorophenol	17.015	266	361976	19.866	ng/ul	99
72) Phenanthrene	17.415	178	2843035	20.662	ng/ul	100
74) Anthracene	17.504	178	2944794	21.080	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	688892	19.893	ng/uL	99
76) Pentachlorobenzene	14.939	250	694327	20.204	ng/uL	99
77) Carbazole	17.774	167	2693770	21.481	ng/ul	100
78) Di-n-butylphthalate	18.339	149	3407947	23.269	ng/ul	100
80) Fluoranthene	19.427	202	3224879	20.642	ng/ul	100
82) Pyrene	19.792	202	3487616	20.917	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1514532	22.960	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	990646	20.225	ng/ul	98
85) Benzo(a)anthracene	21.539	228	3334543	21.002	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	2315953	23.578	ng/ul	100
87) Chrysene	21.591	228	3145326	20.615	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	3755510	22.919	ng/ul	100
90) Benzo(b)fluoranthene	23.256	252	3146132	21.103	ng/ul	99
91) Benzo(k)fluoranthene	23.303	252	3096522	21.014	ng/ul	99
93) Benzo(a)pyrene	23.891	252	2710021	21.011	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.550	276	3060638	20.579	ng/ul	98
95) Dibenzo(a,h)anthracene	26.568	278	2575166	20.550	ng/ul	100
96) Benzo(g,h,i)perylene	27.338	276	2362002	20.068	ng/ul	100

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

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