Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042523\
Data File : BP014825.D
Acq On : 25 Apr 2023 15:40
Operator : CG/JU
Sample : SSTD04056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 26 02:33:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 25 17:28:12 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040642

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	297546	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1321600	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	840321	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	1806161	20.000	ng/ul	0.00
79) Chrysene-d12	21.657	240	1564335	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1553693	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.505	96	122418	16.176	ng/uL	0.00
4) Pyridine-d5	3.940	84	907182	41.332	ng/ul	0.00
7) Phenol-d5	7.340	99	1129080	41.742	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	674398	41.489	ng/ul	0.00
11) 2-Chlorophenol-d4	7.728	132	851414	42.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.910	113	912042	41.980	ng/ul	0.00
21) Nitrobenzene-d5	9.381	128	437527	44.226	ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	463895	45.621	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	900791	42.619	ng/ul	0.00
31) 4-Chloroaniline-d4	11.169	131	1283613	42.324	ng/ul	0.00
46) Dimethylphthalate-d6	14.234	166	2671473	40.970	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	3114849	41.669	ng/ul	0.00
54) 4-Nitrophenol-d4	15.010	143	509898	42.925	ng/ul	0.00
60) Fluorene-d10	15.822	176	2255033	40.622	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.934	200	436098	43.514	ng/ul	0.00
73) Anthracene-d10	17.681	188	3460024	40.797	ng/ul	0.00
81) Pyrene-d10	19.892	212	3892933	40.932	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.086	264	3399892	42.210	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.540	88	130882	16.027	ng/uL	99
5) Pyridine	3.958	79	931001	41.370	ng/ul	99
6) Benzaldehyde	7.328	77	573990m	44.680	ng/ul	
8) Phenol	7.369	94	1181468	41.999	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.611	93	945183	41.915	ng/ul	99
12) 2-Chlorophenol	7.758	128	876350	42.067	ng/ul	99
13) 2-Methylphenol	8.640	108	900816	42.455	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.734	45	1168038	41.562	ng/ul	99
16) Acetophenone	9.034	105	1441933	42.427	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.028	70	719389	41.361	ng/ul	98
18) 4-Methylphenol	8.975	108	990906	41.717	ng/ul	98
19) Hexachloroethane	9.299	117	348621	41.486	ng/ul	98
22) Nitrobenzene	9.422	77	1065394	42.334	ng/ul	99
23) Isophorone	9.952	82	2177763	41.890	ng/ul	99
25) 2-Nitrophenol	10.140	139	503147	44.326	ng/ul	96
26) 2,4-Dimethylphenol	10.187	107	1037811	41.202	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.434	93	1337953	40.880	ng/ul	99
29) 2,4-Dichlorophenol	10.675	162	883453	41.948	ng/ul	98
30) Naphthalene	11.087	128	2982274	40.796	ng/ul	99
32) 4-Chloroaniline	11.193	127	1306705	42.763	ng/ul	100
33) Hexachlorobutadiene	11.369	225	538188	40.178	ng/ul	99
34) Caprolactam	11.969	113	285495m	41.048	ng/ul	
35) 4-Chloro-3-methylphenol	12.293	107	980209	42.032	ng/ul	98
36) 2-Methylnaphthalene	12.675	142	2016478	40.627	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.893	142	1990887	40.235	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.040	216	1082813	41.130	ng/ul	99
40) Hexachlorocyclopentadiene	13.022	237	644153	42.225	ng/ul	99
41) 2,4,6-Trichlorophenol	13.269	196	722931	43.264	ng/ul	99
42) 2,4,5-Trichlorophenol	13.340	196	794862	43.044	ng/ul	99
43) 1,1'-Biphenyl	13.669	154	2687486	40.685	ng/ul	99
44) 2-Chloronaphthalene	13.716	162	2112825	40.858	ng/ul	99
45) 2-Nitroaniline	13.916	65	588020	45.403	ng/ul	95
47) Dimethylphthalate	14.281	163	2663567	40.759	ng/ul	99
48) 2,6-Dinitrotoluene	14.404	165	539601	46.084	ng/ul	97
50) Acenaphthylene	14.557	152	3308593	40.982	ng/ul	100
51) 3-Nitroaniline	14.734	138	552179	42.993	ng/ul	100
52) Acenaphthene	14.898	153	2248393	40.516	ng/ul	99
53) 2,4-Dinitrophenol	14.934	184	294018	42.625	ng/ul	96
55) 4-Nitrophenol	15.028	109	373814	42.058	ng/ul	99
56) Dibenzofuran	15.228	168	3149775	40.304	ng/ul	100
57) 2,4-Dinitrotoluene	15.187	165	775466	44.948	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.451	232	663204	42.590	ng/ul	97
59) Diethylphthalate	15.640	149	2615549	41.329	ng/ul	99
61) Fluorene	15.881	166	2434554	39.491	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.863	204	1241227	39.715	ng/ul	99
63) 4-Nitroaniline	15.898	138	503154	43.433	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.951	198	436094	43.291	ng/ul	99
67) N-Nitrosodiphenylamine	16.081	169	2175960	40.964	ng/ul	100
68) 4-Bromophenyl-phenylether	16.763	248	803524	41.114	ng/ul	99
69) Hexachlorobenzene	16.881	284	930820	41.069	ng/ul	100
70) Atrazine	17.028	200	779076	42.914	ng/ul	99
71) Pentachlorophenol	17.222	266	564839	42.483	ng/ul	97
72) Phenanthrene	17.628	178	3996327	40.404	ng/ul	100
74) Anthracene	17.716	178	4050865	40.621	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.640	216	1117511	41.562	ng/uL	99
76) Pentachlorobenzene	15.151	250	1080332	40.697	ng/uL	99
77) Carbazole	17.975	167	3644214	42.936	ng/ul	99
78) Di-n-butylphthalate	18.510	149	4355459	43.237	ng/ul	100
80) Fluoranthene	19.569	202	4611970	41.147	ng/ul	99
82) Pyrene	19.922	202	4683355	40.400	ng/ul	100
83) Butylbenzylphthalate	20.775	149	1779902	45.761	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.557	252	1436485	44.006	ng/ul	100
85) Benzo(a)anthracene	21.639	228	4474050	41.112	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	2683560	46.477	ng/ul	98
87) Chrysene	21.698	228	4193655	40.650	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	4510466	43.667	ng/ul	100
90) Benzo(b)fluoranthene	23.457	252	4409507	41.441	ng/ul	99
91) Benzo(k)fluoranthene	23.510	252	4229687	40.987	ng/ul	100
93) Benzo(a)pyrene	24.145	252	3745981	41.565	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.027	276	4310985	42.419	ng/ul	96
95) Dibenzo(a,h)anthracene	27.039	278	3576334	42.196	ng/ul	99
96) Benzo(g,h,i)perylene	27.874	276	3388000	42.078	ng/ul	100

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

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