Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039454.D
Acq On : 18 Apr 2023 12:45
Operator : CG/JU
Sample : SSTD04048
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 18 23:40:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 18:09:04 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040009

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	246390	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	1124719	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	699789	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1472251	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1230405	20.000	ng/ul	0.00
88) Perylene-d12	23.815	264	1167630	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	101838m	15.664	ng/uL	0.00
4) Pyridine-d5	3.646	84	734829	40.742	ng/ul	0.00
7) Phenol-d5	7.028	99	917283	40.676	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	611472	41.024	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	742599	41.979	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	749679	41.270	ng/ul	0.00
21) Nitrobenzene-d5	9.010	128	391544	43.271	ng/ul	0.00
24) 2-Nitrophenol-d4	9.734	143	442985	43.598	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	749183	42.852	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	1087545	41.650	ng/ul	0.00
46) Dimethylphthalate-d6	13.910	166	2328321	41.255	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	2649334	41.786	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	372210	43.577	ng/ul	0.00
60) Fluorene-d10	15.492	176	1905349	41.207	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	414689	42.386	ng/ul	0.00
73) Anthracene-d10	17.345	188	2914516	41.164	ng/ul	0.00
81) Pyrene-d10	19.645	212	3315133	40.547	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.662	264	2620470	41.569	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	112614	16.032	ng/uL	96
5) Pyridine	3.663	79	777305	40.872	ng/ul	96
6) Benzaldehyde	6.975	77	433630	45.008	ng/ul	98
8) Phenol	7.051	94	965136	41.106	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.263	93	806363	41.192	ng/ul	100
12) 2-Chlorophenol	7.404	128	745858	41.901	ng/ul	99
13) 2-Methylphenol	8.304	108	752744	41.276	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	1118027	41.115	ng/ul	100
16) Acetophenone	8.669	105	1255370	42.073	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.657	70	684909	41.474	ng/ul	99
18) 4-Methylphenol	8.640	108	820338	41.665	ng/ul	100
19) Hexachloroethane	8.910	117	329719	40.783	ng/ul	97
22) Nitrobenzene	9.051	77	952349	42.626	ng/ul	98
23) Isophorone	9.581	82	1975650	41.468	ng/ul	100
25) 2-Nitrophenol	9.763	139	459242	43.319	ng/ul	97
26) 2,4-Dimethylphenol	9.834	107	895702	41.344	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.063	93	1158535	41.354	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	735597	42.713	ng/ul	99
30) Naphthalene	10.698	128	2530876	40.670	ng/ul	100
32) 4-Chloroaniline	10.822	127	1070601	41.611	ng/ul	99
33) Hexachlorobutadiene	10.975	225	460562	40.586	ng/ul	100
34) Caprolactam	11.622	113	263592m	41.455	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	845172	42.033	ng/ul	99
36) 2-Methylnaphthalene	12.310	142	1695673	40.647	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.533	142	1703383	40.632	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.680	216	879496	41.871	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	517694	41.366	ng/ul	98
41) 2,4,6-Trichlorophenol	12.933	196	606994	43.256	ng/ul	99
42) 2,4,5-Trichlorophenol	13.010	196	651213	44.651	ng/ul	98
43) 1,1'-Biphenyl	13.328	154	2260241	41.794	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	1778601	41.925	ng/ul	100
45) 2-Nitroaniline	13.592	65	555976	44.690	ng/ul	98
47) Dimethylphthalate	13.963	163	2293457	41.044	ng/ul	99
48) 2,6-Dinitrotoluene	14.086	165	490321	43.387	ng/ul	98
50) Acenaphthylene	14.222	152	2806298	41.378	ng/ul	100
51) 3-Nitroaniline	14.422	138	456279	43.076	ng/ul	98
52) Acenaphthene	14.563	153	1918593	41.088	ng/ul	100
53) 2,4-Dinitrophenol	14.633	184	257446	42.796	ng/ul	95
55) 4-Nitrophenol	14.757	109	281350	43.366	ng/ul	99
56) Dibenzofuran	14.898	168	2605049	41.045	ng/ul	99
57) 2,4-Dinitrotoluene	14.874	165	682579	43.469	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.127	232	555957	42.587	ng/ul	97
59) Diethylphthalate	15.321	149	2381138	41.108	ng/ul	100
61) Fluorene	15.545	166	2145038	40.857	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.539	204	1073530	41.255	ng/ul	97
63) 4-Nitroaniline	15.592	138	365078	45.823	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.645	198	397511	42.261	ng/ul	99
67) N-Nitrosodiphenylamine	15.757	169	1799811	41.032	ng/ul	100
68) 4-Bromophenyl-phenylether	16.433	248	664311	41.777	ng/ul	99
69) Hexachlorobenzene	16.551	284	752261	41.180	ng/ul	98
70) Atrazine	16.721	200	681734	41.885	ng/ul	98
71) Pentachlorophenol	16.904	266	450039	42.143	ng/ul	99
72) Phenanthrene	17.292	178	3349445	40.979	ng/ul	99
74) Anthracene	17.380	178	3354227	40.907	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	915622	41.759	ng/uL	100
76) Pentachlorobenzene	14.816	250	887988	41.145	ng/uL	99
77) Carbazole	17.663	167	3049986	41.859	ng/ul	100
78) Di-n-butylphthalate	18.215	149	4305151	41.773	ng/ul	99
80) Fluoranthene	19.309	202	3883208	40.521	ng/ul	99
82) Pyrene	19.674	202	4002260	40.342	ng/ul	99
83) Butylbenzylphthalate	20.574	149	1972213	42.116	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.362	252	1192450	43.704	ng/ul	99
85) Benzo(a)anthracene	21.427	228	3688535	41.447	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	2905536	41.722	ng/ul	99
87) Chrysene	21.480	228	3512960	41.383	ng/ul	99
89) Di-n-octyl phthalate	22.262	149	4862148	41.444	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	3350440	40.781	ng/ul	99
91) Benzo(k)fluoranthene	23.145	252	3422378	42.417	ng/ul	99
93) Benzo(a)pyrene	23.715	252	2867922	41.413	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.285	276	3085338	40.505	ng/ul	99
95) Dibenzo(a,h)anthracene	26.291	278	2577688	40.815	ng/ul	99
96) Benzo(g,h,i)perylene	27.038	276	2390738	39.399	ng/ul	99

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

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