Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039507.D
Acq On : 19 Apr 2023 22:18
Operator : CG/JU
Sample : PB152215BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Quant Time: Apr 20 01:15:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 08:18:41 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS215

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2023
Supervised By :Jagrut Upadhyay 04/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	196563	20.000	ng/ul	0.00
20) Naphthalene-d8	10.636	136	876168	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.483	164	537113	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	1062611	20.000	ng/ul	0.00
79) Chrysene-d12	21.424	240	767997	20.000	ng/ul	0.00
88) Perylene-d12	23.788	264	780135	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	35703	6.972	ng/uL	0.00
4) Pyridine-d5	3.637	84	456235	31.708	ng/ul	0.00
7) Phenol-d5	7.013	99	626159	34.805	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	411436	34.601	ng/ul	0.00
11) 2-Chlorophenol-d4	7.360	132	514246	36.439	ng/ul	0.00
15) 4-Methylphenol-d8	8.560	113	502392	34.667	ng/ul	0.00
21) Nitrobenzene-d5	9.001	128	258291	36.642	ng/ul	0.00
24) 2-Nitrophenol-d4	9.719	143	291601	36.841	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.266	165	504873	37.070	ng/ul	0.00
31) 4-Chloroaniline-d4	10.783	131	640549	31.490	ng/ul	0.00
46) Dimethylphthalate-d6	13.901	166	1531270	35.350	ng/ul	0.00
49) Acenaphthylene-d8	14.177	160	1778456	36.546	ng/ul	0.00
54) 4-Nitrophenol-d4	14.718	143	201751	30.774	ng/ul	0.00
60) Fluorene-d10	15.477	176	1260700	35.523	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.613	200	232175	32.880	ng/ul	0.00
73) Anthracene-d10	17.336	188	1840224	36.010	ng/ul	0.00
81) Pyrene-d10	19.630	212	1908670	37.401	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.641	264	1538407	36.525	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.249	88	70077	12.505	ng/uL	98
5) Pyridine	3.654	79	459212	30.267	ng/ul	97
6) Benzaldehyde	6.966	77	328115	42.689	ng/ul	98
8) Phenol	7.037	94	632327	33.759	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.254	93	517705	33.150	ng/ul	100
12) 2-Chlorophenol	7.390	128	495984	34.927	ng/ul	99
13) 2-Methylphenol	8.289	108	479026	32.926	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.366	45	703675m	32.441	ng/ul	
16) Acetophenone	8.660	105	798953	33.564	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.648	70	429145	32.574	ng/ul	98
18) 4-Methylphenol	8.625	108	533870	33.989	ng/ul	98
19) Hexachloroethane	8.901	117	217087	33.658	ng/ul	99
22) Nitrobenzene	9.042	77	602853	34.637	ng/ul	99
23) Isophorone	9.566	82	1218848	32.841	ng/ul	100
25) 2-Nitrophenol	9.754	139	285672	34.590	ng/ul	98
26) 2,4-Dimethylphenol	9.825	107	580646	34.405	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.054	93	734872	33.673	ng/ul	100
29) 2,4-Dichlorophenol	10.295	162	477885	35.621	ng/ul	100
30) Naphthalene	10.683	128	1652289	34.084	ng/ul	99
32) 4-Chloroaniline	10.807	127	580370	28.956	ng/ul	99
33) Hexachlorobutadiene	10.960	225	310907	35.170	ng/ul	100
34) Caprolactam	11.601	113	153895	30.804	ng/ul	92
35) 4-Chloro-3-methylphenol	11.948	107	526637	33.621	ng/ul	99
36) 2-Methylnaphthalene	12.301	142	1087329	33.458	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.519	142	1114940	34.140	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.672	216	574940	35.662	ng/ul	100
40) Hexachlorocyclopentadiene	12.642	237	265003	27.588	ng/ul	96
41) 2,4,6-Trichlorophenol	12.919	196	385907	35.830	ng/ul	100
42) 2,4,5-Trichlorophenol	13.001	196	401734	35.888	ng/ul	99
43) 1,1'-Biphenyl	13.319	154	1459358	35.158	ng/ul	99
44) 2-Chloronaphthalene	13.360	162	1146316	35.205	ng/ul	99
45) 2-Nitroaniline	13.577	65	324517	34.536	ng/ul	98
47) Dimethylphthalate	13.948	163	1462110	34.091	ng/ul	100
48) 2,6-Dinitrotoluene	14.077	165	296563	34.190	ng/ul	95
50) Acenaphthylene	14.207	152	1805908	34.693	ng/ul	99
51) 3-Nitroaniline	14.407	138	251920	30.986	ng/ul	99
52) Acenaphthene	14.548	153	1224561	34.168	ng/ul	99
53) 2,4-Dinitrophenol	14.624	184	119364	25.852	ng/ul	97
55) 4-Nitrophenol	14.736	109	148189	29.759	ng/ul	98
56) Dibenzofuran	14.883	168	1666333	34.207	ng/ul	100
57) 2,4-Dinitrotoluene	14.866	165	408763	33.915	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.118	232	343871	34.319	ng/ul	98
59) Diethylphthalate	15.313	149	1495800	33.645	ng/ul	100
61) Fluorene	15.536	166	1361295	33.782	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.530	204	688713	34.482	ng/ul	97
63) 4-Nitroaniline	15.577	138	212982	34.161	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.630	198	218995	32.257	ng/ul	100
67) N-Nitrosodiphenylamine	15.748	169	1128725	35.652	ng/ul	100
68) 4-Bromophenyl-phenylether	16.424	248	412880	35.975	ng/ul	99
69) Hexachlorobenzene	16.536	284	474900	36.019	ng/ul	99
70) Atrazine	16.707	200	373186	31.767	ng/ul	99
71) Pentachlorophenol	16.889	266	250099	32.448	ng/ul	99
72) Phenanthrene	17.277	178	2024142	34.311	ng/ul	99
74) Anthracene	17.371	178	2025461	34.224	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.277	216	587158	37.102	ng/uL	100
76) Pentachlorobenzene	14.801	250	573751	36.833	ng/uL	99
77) Carbazole	17.648	167	1737221	33.033	ng/ul	99
78) Di-n-butylphthalate	18.206	149	2517224	33.841	ng/ul	99
80) Fluoranthene	19.301	202	2178890	36.426	ng/ul	97
82) Pyrene	19.659	202	2202006	35.560	ng/ul	99
83) Butylbenzylphthalate	20.559	149	1017139	34.798	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.347	252	616220	36.183	ng/ul	99
85) Benzo(a)anthracene	21.412	228	1897656	34.162	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.336	149	1519618	34.959	ng/ul	98
87) Chrysene	21.465	228	1839946	34.725	ng/ul	100
89) Di-n-octyl phthalate	22.247	149	2484465	31.696	ng/ul	100
90) Benzo(b)fluoranthene	23.071	252	1816170	33.086	ng/ul	100
91) Benzo(k)fluoranthene	23.118	252	1841944	34.168	ng/ul	100
93) Benzo(a)pyrene	23.688	252	1609082	34.777	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.241	276	2034843	39.983	ng/ul	99
95) Dibenzo(a,h)anthracene	26.253	278	1681551	39.850	ng/ul	100
96) Benzo(g,h,i)perylene	26.994	276	1656163	40.850	ng/ul	99

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

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