Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039452.D
Acq On : 18 Apr 2023 11:22
Operator : CG/JU
Sample : SSTD01046
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 18 23:36:31 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 :
SSTD010007

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

04/19/2023
Supervised By :Jagrut Upadhyay

04/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	223198	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	1027865	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	679558	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1450746	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1238929	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	1152655	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	23193m	3.938	ng/uL	0.00
4) Pyridine-d5	3.652	84	144266	8.830	ng/ul	0.00
7) Phenol-d5	7.028	99	177880	8.708	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	125440	9.290	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	149176	9.309	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	142962	8.688	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	75622	9.145	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	85292	9.185	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	152454	9.542	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	218399	9.152	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	539062	9.836	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	592359	9.621	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	54585	6.581	ng/ul	0.00
60) Fluorene-d10	15.486	176	444795	9.906	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	78845	8.178	ng/ul	0.00
73) Anthracene-d10	17.345	188	682154	9.777	ng/ul	0.00
81) Pyrene-d10	19.639	212	782115	9.500	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	599808	9.638	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	24254	3.812	ng/uL	93
5) Pyridine	3.669	79	157482	9.141	ng/ul	97
6) Benzaldehyde	6.975	77	94611	10.840	ng/ul	96
8) Phenol	7.051	94	185844	8.738	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.263	93	165824	9.351	ng/ul	100
12) 2-Chlorophenol	7.404	128	153987	9.550	ng/ul	98
13) 2-Methylphenol	8.298	108	144855	8.768	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.375	45	240283m	9.754	ng/ul	
16) Acetophenone	8.669	105	260631	9.643	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.645	70	145948	9.756	ng/ul	96
18) 4-Methylphenol	8.634	108	162831	9.130	ng/ul	99
19) Hexachloroethane	8.910	117	71628	9.780	ng/ul	96
22) Nitrobenzene	9.051	77	193095	9.457	ng/ul	99
23) Isophorone	9.575	82	420106	9.649	ng/ul	99
25) 2-Nitrophenol	9.763	139	89344	9.222	ng/ul	96
26) 2,4-Dimethylphenol	9.833	107	189754	9.584	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.063	93	251581	9.826	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	148368	9.427	ng/ul	98
30) Naphthalene	10.692	128	556126	9.779	ng/ul	100
32) 4-Chloroaniline	10.822	127	214289	9.114	ng/ul	100
33) Hexachlorobutadiene	10.969	225	101878	9.824	ng/ul	99
34) Caprolactam	11.610	113	54015m	9.295	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	170452	9.276	ng/ul	99
36) 2-Methylnaphthalene	12.310	142	370794	9.726	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	376295	9.822	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.680	216	192683	9.446	ng/ul	98
40) Hexachlorocyclopentadiene	12.651	237	84956	6.991	ng/ul	97
41) 2,4,6-Trichlorophenol	12.933	196	125763	9.229	ng/ul	98
42) 2,4,5-Trichlorophenol	13.016	196	129427	9.138	ng/ul	98
43) 1,1'-Biphenyl	13.321	154	504149	9.600	ng/ul	100
44) 2-Chloronaphthalene	13.369	162	399784	9.704	ng/ul	99
45) 2-Nitroaniline	13.586	65	108207	8.957	ng/ul	96
47) Dimethylphthalate	13.951	163	532703	9.817	ng/ul	99
48) 2,6-Dinitrotoluene	14.080	165	102517	9.341	ng/ul	97
50) Acenaphthylene	14.216	152	648404	9.845	ng/ul	99
51) 3-Nitroaniline	14.421	138	82818	8.051	ng/ul	99
52) Acenaphthene	14.557	153	443825	9.788	ng/ul	99
53) 2,4-Dinitrophenol	14.639	184	31718	5.430	ng/ul	97
55) 4-Nitrophenol	14.751	109	39093	6.205	ng/ul	91
56) Dibenzofuran	14.892	168	614748	9.974	ng/ul	99
57) 2,4-Dinitrotoluene	14.874	165	143481	9.409	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.127	232	119960	9.463	ng/ul	99
59) Diethylphthalate	15.315	149	558154	9.923	ng/ul	99
61) Fluorene	15.539	166	507504	9.954	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.533	204	250178	9.900	ng/ul	99
63) 4-Nitroaniline	15.586	138	64712	8.364	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.633	198	77411	8.352	ng/ul#	89
67) N-Nitrosodiphenylamine	15.757	169	425423	9.842	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	149992	9.573	ng/ul	98
69) Hexachlorobenzene	16.545	284	174699	9.705	ng/ul	97
70) Atrazine	16.709	200	156873	9.781	ng/ul	98
71) Pentachlorophenol	16.904	266	87165	8.283	ng/ul	99
72) Phenanthrene	17.286	178	790826	9.819	ng/ul	99
74) Anthracene	17.380	178	808868	10.011	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.286	216	203468	9.417	ng/uL	99
76) Pentachlorobenzene	14.810	250	208796	9.818	ng/uL	99
77) Carbazole	17.657	167	680176	9.473	ng/ul	100
78) Di-n-butylphthalate	18.215	149	984234	9.692	ng/ul	100
80) Fluoranthene	19.309	202	911242	9.443	ng/ul	96
82) Pyrene	19.668	202	962785	9.638	ng/ul	98
83) Butylbenzylphthalate	20.568	149	437776	9.284	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.362	252	267794	9.747	ng/ul	97
85) Benzo(a)anthracene	21.421	228	867591	9.682	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.344	149	661820	9.438	ng/ul	99
87) Chrysene	21.474	228	835024	9.769	ng/ul	100
89) Di-n-octyl phthalate	22.262	149	1097977	9.481	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	776309	9.572	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	768646	9.650	ng/ul	99
93) Benzo(a)pyrene	23.703	252	663263	9.702	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.262	276	701807	9.333	ng/ul	100
95) Dibenzo(a,h)anthracene	26.279	278	582648	9.345	ng/ul	99
96) Benzo(g,h,i)perylene	27.021	276	566947	9.465	ng/ul	99

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

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