Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039485.D
Acq On : 19 Apr 2023 08:53
Operator : CG/JU
Sample : PB152174BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS174

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

Quant Time: Apr 19 09:26:24 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	239893	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	1107151	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.486	164	714047	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	1532087	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1377274	20.000	ng/ul	0.00
88) Perylene-d12	23.797	264	1367777	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	36166m	5.787	ng/uL	0.00
4) Pyridine-d5	3.646	84	296003	16.856	ng/ul	0.00
7) Phenol-d5	7.016	99	698112	31.795	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	454947	31.349	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	554643	32.203	ng/ul	0.00
15) 4-Methylphenol-d8	8.563	113	559651	31.643	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	283521	31.830	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	317972	31.791	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	562929	32.710	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	212703	8.275	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1810417	31.438	ng/ul	0.00
49) Acenaphthylene-d8	14.180	160	2035217	31.459	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	284979	32.698	ng/ul	0.00
60) Fluorene-d10	15.480	176	1486820	31.513	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.615	200	325408	31.962	ng/ul	0.00
73) Anthracene-d10	17.339	188	2322609	31.523	ng/ul	0.00
81) Pyrene-d10	19.639	212	2734314	29.877	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	2358176	31.934	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	75984	11.110	ng/uL	96
5) Pyridine	3.663	79	523333	28.263	ng/ul	95
6) Benzaldehyde	6.969	77	340629	36.313	ng/ul	98
8) Phenol	7.045	94	694592	30.385	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.257	93	566880	29.743	ng/ul	99
12) 2-Chlorophenol	7.392	128	529770	30.568	ng/ul	98
13) 2-Methylphenol	8.292	108	531301	29.923	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.363	45	796191m	30.076	ng/ul	
16) Acetophenone	8.663	105	875069	30.122	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.651	70	484682	30.145	ng/ul	98
18) 4-Methylphenol	8.628	108	590123	30.784	ng/ul	100
19) Hexachloroethane	8.904	117	232331	29.516	ng/ul	97
22) Nitrobenzene	9.045	77	671001	30.510	ng/ul	97
23) Isophorone	9.569	82	1400669	29.866	ng/ul	99
25) 2-Nitrophenol	9.757	139	318311	30.501	ng/ul	97
26) 2,4-Dimethylphenol	9.828	107	632999	29.682	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.057	93	812697	29.470	ng/ul	100
29) 2,4-Dichlorophenol	10.298	162	524119	30.917	ng/ul	99
30) Naphthalene	10.686	128	1818750	29.690	ng/ul	100
32) 4-Chloroaniline	10.816	127	465351	18.374	ng/ul	100
33) Hexachlorobutadiene	10.963	225	322900	28.906	ng/ul	99
34) Caprolactam	11.604	113	190320m	30.147	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	619020	31.274	ng/ul	98
36) 2-Methylnaphthalene	12.304	142	1212804	29.533	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.521	142	1248219	30.247	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.674	216	622069	29.024	ng/ul	99
40) Hexachlorocyclopentadiene	12.645	237	339758	26.606	ng/ul	99
41) 2,4,6-Trichlorophenol	12.921	196	425967	29.749	ng/ul	99
42) 2,4,5-Trichlorophenol	13.004	196	464963	31.244	ng/ul	98
43) 1,1'-Biphenyl	13.321	154	1640260	29.724	ng/ul	99
44) 2-Chloronaphthalene	13.363	162	1273413	29.417	ng/ul	100
45) 2-Nitroaniline	13.580	65	400910	32.093	ng/ul	98
47) Dimethylphthalate	13.951	163	1704730	29.899	ng/ul	100
48) 2,6-Dinitrotoluene	14.080	165	353345	30.642	ng/ul	97
50) Acenaphthylene	14.210	152	2052080	29.653	ng/ul	100
51) 3-Nitroaniline	14.410	138	343898	31.818	ng/ul	99
52) Acenaphthene	14.551	153	1398527	29.353	ng/ul	100
53) 2,4-Dinitrophenol	14.621	184	186907	30.450	ng/ul	99
55) 4-Nitrophenol	14.739	109	213960	32.321	ng/ul	97
56) Dibenzofuran	14.886	168	1926487	29.748	ng/ul	100
57) 2,4-Dinitrotoluene	14.868	165	504748	31.502	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.121	232	388227	29.145	ng/ul	99
59) Diethylphthalate	15.315	149	1788122	30.254	ng/ul	100
61) Fluorene	15.539	166	1608985	30.035	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	795814	29.972	ng/ul	97
63) 4-Nitroaniline	15.580	138	311159	37.542	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.633	198	301001	30.751	ng/ul	99
67) N-Nitrosodiphenylamine	15.751	169	1339828	29.352	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	485608	29.346	ng/ul	100
69) Hexachlorobenzene	16.539	284	563847	29.661	ng/ul	98
70) Atrazine	16.704	200	153239	9.047	ng/ul	98
71) Pentachlorophenol	16.892	266	313466	28.207	ng/ul	99
72) Phenanthrene	17.280	178	2528929	29.732	ng/ul	99
74) Anthracene	17.374	178	2529211	29.640	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.280	216	637976	27.960	ng/uL	100
76) Pentachlorobenzene	14.804	250	649816	28.933	ng/uL	99
77) Carbazole	17.651	167	2304681	30.395	ng/ul	100
78) Di-n-butylphthalate	18.209	149	3223418	30.056	ng/ul	99
80) Fluoranthene	19.303	202	3020924	28.162	ng/ul	98
82) Pyrene	19.668	202	3112456	28.028	ng/ul	98
83) Butylbenzylphthalate	20.562	149	1514276	28.888	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.350	252	885447	28.991	ng/ul	99
85) Benzo(a)anthracene	21.415	228	3010018	30.216	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.339	149	2293866	29.426	ng/ul	99
87) Chrysene	21.468	228	2813026	29.604	ng/ul	99
89) Di-n-octyl phthalate	22.250	149	3936444	28.644	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	2897666	30.109	ng/ul	99
91) Benzo(k)fluoranthene	23.127	252	2853328	30.189	ng/ul	100
93) Benzo(a)pyrene	23.697	252	2461883	30.348	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.256	276	2758759	30.918	ng/ul	100
95) Dibenzo(a,h)anthracene	26.268	278	2318919	31.344	ng/ul	100
96) Benzo(g,h,i)perylene	27.009	276	2164421	30.450	ng/ul	99

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

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