Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041823\
Data File : BM039465.D
Acq On : 18 Apr 2023 19:40
Operator : CG/JU
Sample : PB152151BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS151

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

Quant Time: Apr 19 00:37:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 18 23:56:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	211056	20.000	ng/ul	0.00
20) Naphthalene-d8	10.639	136	981949	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	632927	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.245	188	1342234	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	1148336	20.000	ng/ul	0.00
88) Perylene-d12	23.803	264	914776	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	30889m	5.618	ng/uL	0.00
4) Pyridine-d5	3.646	84	432436	27.990	ng/ul	0.00
7) Phenol-d5	7.022	99	593927	30.746	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	384335	30.102	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	466651	30.796	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	482851	31.031	ng/ul	0.00
21) Nitrobenzene-d5	9.004	128	240222	30.408	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	271971	30.659	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	478371	31.340	ng/ul	0.00
31) 4-Chloroaniline-d4	10.798	131	94171	4.131	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	1528065	29.936	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	1717777	29.955	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	234645	30.374	ng/ul	0.00
60) Fluorene-d10	15.486	176	1259356	30.113	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	271340	30.421	ng/ul	0.00
73) Anthracene-d10	17.339	188	1941397	30.076	ng/ul	0.00
81) Pyrene-d10	19.639	212	2241554	29.376	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.656	264	1387543	28.095	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	69372	11.529	ng/uL	96
5) Pyridine	3.663	79	493587	30.299	ng/ul	98
6) Benzaldehyde	6.975	77	216074	26.182	ng/ul	96
8) Phenol	7.046	94	625651	31.108	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.257	93	497871	29.691	ng/ul	98
12) 2-Chlorophenol	7.398	128	473438	31.050	ng/ul	98
13) 2-Methylphenol	8.298	108	479486	30.694	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.369	45	709319	30.456	ng/ul	100
16) Acetophenone	8.669	105	779416	30.495	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.651	70	429076	30.332	ng/ul	98
18) 4-Methylphenol	8.634	108	524699	31.111	ng/ul	99
19) Hexachloroethane	8.904	117	203115	29.330	ng/ul	96
22) Nitrobenzene	9.045	77	593884	30.446	ng/ul	96
23) Isophorone	9.575	82	1215178	29.215	ng/ul	99
25) 2-Nitrophenol	9.757	139	283078	30.584	ng/ul	95
26) 2,4-Dimethylphenol	9.828	107	583498	30.849	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.057	93	708708	28.975	ng/ul	100
29) 2,4-Dichlorophenol	10.304	162	474639	31.568	ng/ul	100
30) Naphthalene	10.692	128	1602629	29.498	ng/ul	100
32) 4-Chloroaniline	10.822	127	103422	4.604	ng/ul	98
33) Hexachlorobutadiene	10.969	225	291362	29.409	ng/ul	99
34) Caprolactam	11.610	113	171271m	30.589	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	555682	31.653	ng/ul	100
36) 2-Methylnaphthalene	12.310	142	1079196	29.631	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.528	142	1114612	30.453	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	12.675	216	555912	29.261	ng/ul	99
40)	Hexachlorocyclopentadiene	12.645	237	299916	26.496	ng/ul	98
41)	2,4,6-Trichlorophenol	12.928	196	380138	29.951	ng/ul	98
42)	2,4,5-Trichlorophenol	13.010	196	419892	31.831	ng/ul	99
43)	1,1'-Biphenyl	13.322	154	1456250	29.772	ng/ul	100
44)	2-Chloronaphthalene	13.363	162	1143754	29.809	ng/ul	99
45)	2-Nitroaniline	13.586	65	361057	32.608	ng/ul	98
47)	Dimethylphthalate	13.951	163	1516165	30.000	ng/ul	100
48)	2,6-Dinitrotoluene	14.080	165	319067	31.216	ng/ul	99
50)	Acenaphthylene	14.210	152	1826899	29.783	ng/ul	100
51)	3-Nitroaniline	14.422	138	31073	3.243	ng/ul	97
52)	Acenaphthene	14.551	153	1251698	29.638	ng/ul	100
53)	2,4-Dinitrophenol	14.627	184	162093	29.792	ng/ul	98
55)	4-Nitrophenol	14.745	109	183174	31.216	ng/ul	95
56)	Dibenzofuran	14.892	168	1731337	30.161	ng/ul	99
57)	2,4-Dinitrotoluene	14.869	165	450284	31.705	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.121	232	356857	30.223	ng/ul	96
59)	Diethylphthalate	15.316	149	1587376	30.299	ng/ul	100
61)	Fluorene	15.539	166	1435679	30.234	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.533	204	711104	30.214	ng/ul	99
63)	4-Nitroaniline	15.580	138	211694m	28.815	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.633	198	262934	30.661	ng/ul	93
67)	N-Nitrosodiphenylamine	15.751	169	781925	19.553	ng/ul	99
68)	4-Bromophenyl-phenylether	16.433	248	434063	29.942	ng/ul	98
69)	Hexachlorobenzene	16.545	284	505011	30.323	ng/ul	99
70)	Atrazine	16.710	200	16652	1.122	ng/ul	93
71)	Pentachlorophenol	16.898	266	284589	29.231	ng/ul	99
72)	Phenanthrene	17.286	178	2249512	30.188	ng/ul	99
74)	Anthracene	17.374	178	2259729	30.228	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.286	216	568203	28.424	ng/uL	99
76)	Pentachlorobenzene	14.810	250	585855	29.775	ng/uL	99
77)	Carbazole	17.657	167	1425049	21.452	ng/ul	100
78)	Di-n-butylphthalate	18.210	149	2873939	30.587	ng/ul	99
80)	Fluoranthene	19.304	202	2641510	29.534	ng/ul	99
82)	Pyrene	19.668	202	2712020	29.290	ng/ul	99
83)	Butylbenzylphthalate	20.568	149	1301995	29.791	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.345	252	154	0.006	ng/ul#	1
85)	Benzo(a)anthracene	21.421	228	2501402	30.117	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.345	149	1939684	29.843	ng/ul	99
87)	Chrysene	21.474	228	2422430	30.576	ng/ul	99
89)	Di-n-octyl phthalate	22.256	149	3256350	35.429	ng/ul	100
90)	Benzo(b)fluoranthene	23.086	252	2314135	35.953	ng/ul	99
91)	Benzo(k)fluoranthene	23.133	252	2258209	35.724	ng/ul	100
93)	Benzo(a)pyrene	23.703	252	1880114	34.654	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.262	276	2089301	35.010	ng/ul	99
95)	Dibenzo(a,h)anthracene	26.280	278	1760373	35.578	ng/ul	99
96)	Benzo(g,h,i)perylene	27.021	276	1629164	34.270	ng/ul	99

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

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