Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038924.D
Acq On : 08 Mar 2023 09:22
Operator : CG/JU
Sample : PB151197BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS197

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2023
Supervised By :Jagrut Upadhyay 03/08/2023

Quant Time: Mar 08 11:56:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 04:25:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	277675	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1270803	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	803182	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1684991	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1648377	20.000	ng/ul	0.00
88) Perylene-d12	24.009	264	1828429	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	45001	6.052	ng/uL	0.00
4) Pyridine-d5	3.799	84	660991	32.329	ng/ul	0.00
7) Phenol-d5	7.151	99	861781	33.104	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	518677	31.183	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	658978	33.971	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	666362	32.492	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	336495	37.718	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	344563	41.218	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.427	165	661168	34.036	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	958500	29.603	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	1987951	31.956	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	2349331	32.311	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	425393	34.159	ng/ul	0.00
60) Fluorene-d10	15.627	176	1746310	31.829	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	320229	36.556	ng/ul	0.00
73) Anthracene-d10	17.480	188	2711808	32.638	ng/ul	0.00
81) Pyrene-d10	19.768	212	3182041	35.098	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.850	264	3282202	35.621	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	86767	10.857	ng/uL	98
5) Pyridine	3.816	79	628880	28.572	ng/ul	96
6) Benzaldehyde	7.134	77	469899	37.270	ng/ul	98
8) Phenol	7.181	94	862555	30.957	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.422	93	665438	29.998	ng/ul	99
12) 2-Chlorophenol	7.557	128	643665	32.216	ng/ul	99
13) 2-Methylphenol	8.439	108	633011	30.392	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.539	45	819480	29.427	ng/ul	99
16) Acetophenone	8.828	105	1063846	29.847	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	527901	32.246	ng/ul	99
18) 4-Methylphenol	8.769	108	708735	30.646	ng/ul	100
19) Hexachloroethane	9.092	117	261570	32.678	ng/ul	98
22) Nitrobenzene	9.210	77	789219	32.336	ng/ul	99
23) Isophorone	9.739	82	1498908	30.192	ng/ul	98
25) 2-Nitrophenol	9.922	139	365633	36.883	ng/ul	96
26) 2,4-Dimethylphenol	9.980	107	678048	27.840	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.222	93	926325	30.406	ng/ul	98
29) 2,4-Dichlorophenol	10.457	162	629882	31.987	ng/ul	99
30) Naphthalene	10.869	128	2201755	30.363	ng/ul	100
32) 4-Chloroaniline	10.975	127	903447	27.558	ng/ul	99
33) Hexachlorobutadiene	11.151	225	367599	30.002	ng/ul	99
34) Caprolactam	11.745	113	212360m	31.449	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	709856	31.886	ng/ul	99
36) 2-Methylnaphthalene	12.469	142	1440588	30.436	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	1476858	30.968	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	736597	30.659	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	370735	28.602	ng/ul	96
41) 2,4,6-Trichlorophenol	13.069	196	501548	33.097	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	550053	32.980	ng/ul	97
43) 1,1'-Biphenyl	13.474	154	1963735	30.997	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	1535225	30.724	ng/ul	99
45) 2-Nitroaniline	13.716	65	449209	39.838	ng/ul	98
47) Dimethylphthalate	14.092	163	1905522	30.226	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	371554	37.245	ng/ul	99
50) Acenaphthylene	14.363	152	2459765	30.504	ng/ul	100
51) 3-Nitroaniline	14.539	138	426186	34.038	ng/ul	94
52) Acenaphthene	14.698	153	1681828	30.300	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	189476	33.409	ng/ul	95
55) 4-Nitrophenol	14.839	109	318042	31.974	ng/ul	98
56) Dibenzofuran	15.033	168	2324920	30.170	ng/ul	99
57) 2,4-Dinitrotoluene	14.992	165	552778	35.845	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.257	232	468854	32.289	ng/ul	98
59) Diethylphthalate	15.457	149	1928995	30.921	ng/ul	100
61) Fluorene	15.680	166	1940037	30.027	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	933058	29.913	ng/ul	98
63) 4-Nitroaniline	15.698	138	465155	35.919	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	307686	33.939	ng/ul	95
67) N-Nitrosodiphenylamine	15.886	169	1601448	31.423	ng/ul	100
68) 4-Bromophenyl-phenylether	16.568	248	531734	30.660	ng/ul	99
69) Hexachlorobenzene	16.686	284	636684	30.309	ng/ul	98
70) Atrazine	16.839	200	530583	30.775	ng/ul	98
71) Pentachlorophenol	17.027	266	402900	31.545	ng/ul	99
72) Phenanthrene	17.421	178	3041320	31.240	ng/ul	99
74) Anthracene	17.515	178	3036579	30.633	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	745775	31.406	ng/uL	99
76) Pentachlorobenzene	14.951	250	746987	30.615	ng/uL	100
77) Carbazole	17.780	167	2910543	31.619	ng/ul	100
78) Di-n-butylphthalate	18.351	149	3325193	35.506	ng/ul	100
80) Fluoranthene	19.433	202	3474504	33.322	ng/ul	98
82) Pyrene	19.797	202	3762049	32.902	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1493680	49.164	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.474	252	1152428	35.679	ng/ul	99
85) Benzo(a)anthracene	21.544	228	3781456	33.201	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	2261193	44.770	ng/ul	98
87) Chrysene	21.597	228	3637077	32.655	ng/ul	100
89) Di-n-octyl phthalate	22.421	149	3826150	41.617	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	3952798	34.818	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	3946192	33.838	ng/ul	99
93) Benzo(a)pyrene	23.903	252	3534762	33.611	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.562	276	4297640	30.915	ng/ul	100
95) Dibenzo(a,h)anthracene	26.585	278	3628522	30.939	ng/ul	100
96) Benzo(g,h,i)perylene	27.350	276	3431237	30.144	ng/ul	99

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

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