Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072522\
Data File : BM035915.D
Acq On : 25 Jul 2022 15:27
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV011

Quant Time: Jul 25 17:35:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 25 14:55:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	339716	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	1531526	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.521	164	954966	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	1977488	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	1995180	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	2007562	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	73331	8.123	ng/uL	0.00
4) Pyridine-d5	3.699	84	495261	20.025	ng/ul	0.00
7) Phenol-d5	7.051	99	578756	20.316	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	396890	20.898	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	499294	21.115	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	481899	20.880	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	258130	21.270	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	252820	21.382	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	456242	21.335	ng/ul	0.00
31) 4-Chloroaniline-d4	10.833	131	809056	22.349	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	1428364	21.958	ng/ul	0.00
49) Acenaphthylene-d8	14.216	160	1770137	21.328	ng/ul	0.00
54) 4-Nitrophenol-d4	14.721	143	281887	21.102	ng/ul	0.00
60) Fluorene-d10	15.510	176	1263746	21.499	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	204939	19.280	ng/ul	0.00
73) Anthracene-d10	17.362	188	1929629	21.583	ng/ul	0.00
81) Pyrene-d10	19.651	212	2224027	20.113	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.656	264	2115224	20.753	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	76424	8.169	ng/uL	93
5) Pyridine	3.716	79	520710	20.063	ng/ul	90
6) Benzaldehyde	7.022	77	239642	20.042	ng/ul	92
8) Phenol	7.075	94	641720	20.584	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.310	93	524274	20.917	ng/ul	97
12) 2-Chlorophenol	7.445	128	514864	21.225	ng/ul	100
13) 2-Methylphenol	8.334	108	485529	20.847	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.428	45	705248	21.317	ng/ul	96
16) Acetophenone	8.716	105	809571	21.848	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.704	70	411714	22.281	ng/ul	94
18) 4-Methylphenol	8.663	108	525955	21.051	ng/ul	98
19) Hexachloroethane	8.969	117	212390	21.221	ng/ul	91
22) Nitrobenzene	9.092	77	589205	21.216	ng/ul	97
23) Isophorone	9.622	82	1146900	21.877	ng/ul	97
25) 2-Nitrophenol	9.804	139	284663	21.701	ng/ul	100
26) 2,4-Dimethylphenol	9.869	107	572220	21.349	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.110	93	707512	21.399	ng/ul	100
29) 2,4-Dichlorophenol	10.339	162	475924	21.442	ng/ul	98
30) Naphthalene	10.745	128	1714694	21.211	ng/ul	99
32) 4-Chloroaniline	10.857	127	802411	22.313	ng/ul	100
33) Hexachlorobutadiene	11.028	225	290893	21.230	ng/ul	99
34) Caprolactam	11.628	113	156918	21.392	ng/ul	90
35) 4-Chloro-3-methylphenol	11.980	107	507540	21.991	ng/ul	98
36) 2-Methylnaphthalene	12.351	142	1141214	21.578	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.569	142	1154178	21.650	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.716	216	555496	20.435	ng/ul	99
40) Hexachlorocyclopentadiene	12.698	237	351828	19.433	ng/ul	98
41) 2,4,6-Trichlorophenol	12.957	196	368239	21.168	ng/ul	97
42) 2,4,5-Trichlorophenol	13.027	196	392542	21.148	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	1526921	20.774	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	1167165	20.691	ng/ul	98
45) 2-Nitroaniline	13.610	65	336741	21.653	ng/ul	98
47) Dimethylphthalate	13.986	163	1441379	22.029	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	289687	22.300	ng/ul	94
50) Acenaphthylene	14.245	152	1959526	21.343	ng/ul	100
51) 3-Nitroaniline	14.427	138	232200	16.174	ng/ul	99
52) Acenaphthene	14.586	153	1244313	20.890	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	140632	19.066	ng/ul	97
55) 4-Nitrophenol	14.733	109	215316	21.075	ng/ul	85
56) Dibenzofuran	14.921	168	1763975	21.404	ng/ul	99
57) 2,4-Dinitrotoluene	14.886	165	416991	22.772	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.145	232	317510	21.771	ng/ul	97
59) Diethylphthalate	15.345	149	1471340	22.231	ng/ul	99
61) Fluorene	15.568	166	1452077	21.569	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.563	204	690325	21.401	ng/ul	98
63) 4-Nitroaniline	15.586	138	216429	16.375	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.645	198	212306	19.960	ng/ul	98
67) N-Nitrosodiphenylamine	15.774	169	1203881	20.708	ng/ul	99
68) 4-Bromophenyl-phenylether	16.457	248	410544	21.177	ng/ul	98
69) Hexachlorobenzene	16.563	284	500872	21.204	ng/ul	98
70) Atrazine	16.727	200	425320	21.093	ng/ul	98
71) Pentachlorophenol	16.910	266	291007	20.166	ng/ul	97
72) Phenanthrene	17.304	178	2248044	21.210	ng/ul	98
74) Anthracene	17.392	178	2278799	21.427	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	585216	19.030	ng/uL	98
76) Pentachlorobenzene	14.833	250	567173	20.347	ng/uL	99
77) Carbazole	17.662	167	2118264	21.565	ng/ul	99
78) Di-n-butylphthalate	18.233	149	2504401	22.598	ng/ul	99
80) Fluoranthene	19.315	202	2629623	19.904	ng/ul	98
82) Pyrene	19.680	202	2695561	19.795	ng/ul	97
83) Butylbenzylphthalate	20.586	149	1042770	21.055	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.362	252	769004	20.887	ng/ul	99
85) Benzo(a)anthracene	21.421	228	2668007	21.246	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.362	149	1572302	21.971	ng/ul	99
87) Chrysene	21.474	228	2585103	21.098	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2538175	19.578	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	2707921	20.211	ng/ul	97
91) Benzo(k)fluoranthene	23.133	252	2634493	20.721	ng/ul	97
93) Benzo(a)pyrene	23.703	252	2667909	20.906	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.274	276	2975632	21.876	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.297	278	2572274	22.042	ng/ul	97
96) Benzo(g,h,i)perylene	27.032	276	2468532	21.899	ng/ul	97

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

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