Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072522\
Data File : BM035910.D
Acq On : 25 Jul 2022 11:39
Operator : CG/JU
Sample : SSTD01055
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010006

Quant Time: Jul 25 13:22:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 25 13:20:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.886	152	379688	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	1636200	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.521	164	970234	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.262	188	1951130	20.000	ng/ul	0.00
79) Chrysene-d12	21.438	240	1882884	20.000	ng/ul	0.00
88) Perylene-d12	23.809	264	1891346	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	38374	4.034	ng/uL	0.00
4) Pyridine-d5	3.698	84	243811	10.408	ng/ul	0.00
7) Phenol-d5	7.045	99	271642	9.335	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	190667	10.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.416	132	233955	9.282	ng/ul	0.00
15) 4-Methylphenol-d8	8.598	113	221698	9.101	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	114902	9.434	ng/ul	0.00
24) 2-Nitrophenol-d4	9.775	143	106131	8.081	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	201518	9.037	ng/ul	0.00
31) 4-Chloroaniline-d4	10.833	131	337132	9.609	ng/ul	0.00
46) Dimethylphthalate-d6	13.939	166	590790	8.952	ng/ul	0.00
49) Acenaphthylene-d8	14.215	160	748051	9.147	ng/ul	0.00
54) 4-Nitrophenol-d4	14.715	143	108506	10.703	ng/ul	0.00
60) Fluorene-d10	15.509	176	539414	9.440	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.627	200	72534	6.236	ng/ul	0.00
73) Anthracene-d10	17.356	188	795478	9.070	ng/ul	0.00
81) Pyrene-d10	19.644	212	900999	9.733	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.650	264	840969	9.219	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	39776	4.125	ng/uL	96
5) Pyridine	3.722	79	262399	10.620	ng/ul	90
6) Benzaldehyde	7.028	77	174278	13.982	ng/ul	94
8) Phenol	7.075	94	305040	9.824	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.310	93	252511	10.412	ng/ul	99
12) 2-Chlorophenol	7.445	128	243594	9.332	ng/ul	98
13) 2-Methylphenol	8.333	108	222076	9.655	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.416	45	334836	9.263	ng/ul	98
16) Acetophenone	8.716	105	370180	10.023	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.698	70	183314	10.519	ng/ul	95
18) 4-Methylphenol	8.663	108	242163	9.783	ng/ul	96
19) Hexachloroethane	8.969	117	101127	9.688	ng/ul	90
22) Nitrobenzene	9.092	77	272107	10.525	ng/ul	98
23) Isophorone	9.622	82	497751	10.179	ng/ul	97
25) 2-Nitrophenol	9.804	139	121696	8.513	ng/ul	97
26) 2,4-Dimethylphenol	9.869	107	258873	9.557	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.110	93	320510	10.107	ng/ul	99
29) 2,4-Dichlorophenol	10.339	162	211411	9.344	ng/ul	98
30) Naphthalene	10.739	128	799475	9.564	ng/ul	99
32) 4-Chloroaniline	10.857	127	339946	9.733	ng/ul	98
33) Hexachlorobutadiene	11.027	225	133012	9.343	ng/ul	96
34) Caprolactam	11.621	113	62999	8.270	ng/ul	86
35) 4-Chloro-3-methylphenol	11.974	107	218549	9.214	ng/ul	98
36) 2-Methylnaphthalene	12.351	142	512394	9.427	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.568	142	522332	9.513	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.716	216	247314	9.103	ng/ul	98
40) Hexachlorocyclopentadiene	12.698	237	144645	14.478	ng/ul	99
41) 2,4,6-Trichlorophenol	12.957	196	151241	8.925	ng/ul	98
42) 2,4,5-Trichlorophenol	13.027	196	165582	9.418	ng/ul	99
43) 1,1'-Biphenyl	13.363	154	684934	9.440	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	520708	9.391	ng/ul	100
45) 2-Nitroaniline	13.604	65	135187	9.457	ng/ul	93
47) Dimethylphthalate	13.986	163	599328	9.004	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	108335	8.233	ng/ul	93
50) Acenaphthylene	14.245	152	849842	9.419	ng/ul	100
51) 3-Nitroaniline	14.427	138	129547	9.608	ng/ul	99
52) Acenaphthene	14.586	153	554481	9.264	ng/ul	98
53) 2,4-Dinitrophenol	14.627	184	47044	6.487	ng/ul	96
55) 4-Nitrophenol	14.727	109	88836	13.483	ng/ul	89
56) Dibenzofuran	14.915	168	773886	9.447	ng/ul	97
57) 2,4-Dinitrotoluene	14.880	165	157454	8.241	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.139	232	127009	8.746	ng/ul	90
59) Diethylphthalate	15.345	149	593006	8.793	ng/ul	99
61) Fluorene	15.568	166	626338	9.415	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.562	204	298112	9.548	ng/ul	98
63) 4-Nitroaniline	15.586	138	132402	10.993	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.639	198	74777	6.460	ng/ul	95
67) N-Nitrosodiphenylamine	15.774	169	514535	9.010	ng/ul	99
68) 4-Bromophenyl-phenylether	16.456	248	169710	9.070	ng/ul	97
69) Hexachlorobenzene	16.562	284	206926	9.559	ng/ul	98
70) Atrazine	16.727	200	167244	8.294	ng/ul	98
71) Pentachlorophenol	16.909	266	109056	9.556	ng/ul	98
72) Phenanthrene	17.303	178	951987	9.062	ng/ul	99
74) Anthracene	17.392	178	961845	8.948	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.321	216	266782	8.958	ng/uL	99
76) Pentachlorobenzene	14.833	250	245056	9.254	ng/uL	99
77) Carbazole	17.662	167	884111	9.114	ng/ul	99
78) Di-n-butylphthalate	18.233	149	965268	7.182	ng/ul	99
80) Fluoranthene	19.315	202	1067365	9.479	ng/ul	98
82) Pyrene	19.674	202	1131454	9.600	ng/ul	98
83) Butylbenzylphthalate	20.580	149	385803	7.614	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.356	252	326108	9.496	ng/ul	97
85) Benzo(a)anthracene	21.421	228	1076726	9.471	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.356	149	586227	7.796	ng/ul	97
87) Chrysene	21.474	228	1055899	9.317	ng/ul	99
89) Di-n-octyl phthalate	22.274	149	948368	7.640	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1120029	9.970	ng/ul	98
91) Benzo(k)fluoranthene	23.132	252	1027148	9.506	ng/ul	97
93) Benzo(a)pyrene	23.697	252	1060329	9.415	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.268	276	1170956	8.881	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.285	278	1004210	8.901	ng/ul	97
96) Benzo(g,h,i)perylene	27.026	276	977167	8.647	ng/ul	97

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

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