Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030876.D
Acq On : 08 Jul 2021 04:16
Operator : CG/JU
Sample : SP5619
Misc : SFAM SPIKE
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP5619

Quant Time: Jul 08 08:58:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 08 03:09:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	94574	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.545	136	402116	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.392	164	246729	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	441914	20.000	ng/ul	0.00
79) Chrysene-d12	21.303	240	366829	20.000	ng/ul	0.00
88) Perylene-d12	23.544	264	363062	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	79510	31.865	ng/uL	97
5) Pyridine	3.681	79	553307	80.192	ng/ul	94
6) Benzaldehyde	6.910	77	476272	112.007	ng/ul	94
8) Phenol	6.957	94	722881	85.345	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.193	93	548521	83.139	ng/ul	99
12) 2-Chlorophenol	7.328	128	567634	89.372	ng/ul	97
13) 2-Methylphenol	8.204	108	531187	86.267	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.293	45	910206	83.780	ng/ul	99
16) Acetophenone	8.587	105	857712	82.296	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.575	70	462364	89.308	ng/ul	99
18) 4-Methylphenol	8.534	108	572695	84.762	ng/ul	94
19) Hexachloroethane	8.828	117	242257	90.644	ng/ul	98
22) Nitrobenzene	8.963	77	670016	87.128	ng/ul	98
23) Isophorone	9.492	82	1199600	89.387	ng/ul	100
25) 2-Nitrophenol	9.669	139	303960	86.638	ng/ul	95
26) 2,4-Dimethylphenol	9.728	107	651557	89.547	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.963	93	742166	87.388	ng/ul	100
29) 2,4-Dichlorophenol	10.198	162	543825	89.034	ng/ul	99
30) Naphthalene	10.598	128	1735858	85.844	ng/ul	99
32) 4-Chloroaniline	10.710	127	625520	69.719	ng/ul	99
33) Hexachlorobutadiene	10.875	225	357818	86.176	ng/ul	98
34) Caprolactam	11.522	113	152798	86.479	ng/ul	96
35) 4-Chloro-3-methylphenol	11.839	107	559646	90.409	ng/ul	98
36) 2-Methylnaphthalene	12.210	142	1262401	87.563	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.428	142	1201106	82.182	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.580	216	670901	89.642	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	380225	83.576	ng/ul	97
41) 2,4,6-Trichlorophenol	12.822	196	433313	91.771	ng/ul	97
42) 2,4,5-Trichlorophenol	12.898	196	462232	92.360	ng/ul	98
43) 1,1'-Biphenyl	13.227	154	1585254	88.177	ng/ul	100
44) 2-Chloronaphthalene	13.269	162	1248002	88.701	ng/ul	99
45) 2-Nitroaniline	13.480	65	386686	97.810	ng/ul	99
47) Dimethylphthalate	13.857	163	1453368	85.885	ng/ul	99
48) 2,6-Dinitrotoluene	13.980	165	311365	95.533	ng/ul	98
50) Acenaphthylene	14.116	152	1795766	88.097	ng/ul	100
51) 3-Nitroaniline	14.310	138	292066	85.770	ng/ul	97
52) Acenaphthene	14.457	153	1299716	87.406	ng/ul	98
53) 2,4-Dinitrophenol	14.516	184	157044	80.860	ng/ul	96
55) 4-Nitrophenol	14.616	109	203305	79.683	ng/ul	95
56) Dibenzofuran	14.792	168	1785368	85.270	ng/ul	96
57) 2,4-Dinitrotoluene	14.769	165	421129	92.680	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.022	232	371251	89.217	ng/ul#	99
59) Diethylphthalate	15.216	149	1462073	87.051	ng/ul	99
61) Fluorene	15.439	166	1522306	88.271	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.433	204	770748	88.800	ng/ul	99
63) 4-Nitroaniline	15.474	138	316232	97.488	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.533	198	208701	76.292	ng/ul	98
67) N-Nitrosodiphenylamine	15.651	169	1225268	93.005	ng/ul	99
68) 4-Bromophenyl-phenylether	16.327	248	430653	92.530	ng/ul	99
69) Hexachlorobenzene	16.445	284	483401	91.514	ng/ul	99
70) Atrazine	16.604	200	416889	88.849	ng/ul	98
71) Pentachlorophenol	16.786	266	277642	86.495	ng/ul	96
72) Phenanthrene	17.174	178	2065994	87.615	ng/ul	99
74) Anthracene	17.263	178	2133051	88.041	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	656752	95.860	ng/uL	99
76) Pentachlorobenzene	14.716	250	609666	90.941	ng/uL	99
77) Carbazole	17.539	167	1772295	84.149	ng/ul	99
78) Di-n-butylphthalate	18.098	149	2201704	90.708	ng/ul	99
80) Fluoranthene	19.186	202	2124724	85.173	ng/ul	100
82) Pyrene	19.551	202	2155210	83.358	ng/ul	99
83) Butylbenzylphthalate	20.445	149	825008	93.349	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.221	252	704534	105.252	ng/ul	98
85) Benzo(a)anthracene	21.286	228	1966488	85.741	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.215	149	1233623	94.684	ng/ul	99
87) Chrysene	21.339	228	1902465	84.305	ng/ul	98
89) Di-n-octyl phthalate	22.092	149	1942978	86.174	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	2104155	89.970	ng/ul	99
91) Benzo(k)fluoranthene	22.915	252	1923681	84.624	ng/ul	100
93) Benzo(a)pyrene	23.450	252	1814459	87.672	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.827	276	2484488	96.527	ng/ul	99
95) Dibenzo(a,h)anthracene	25.833	278	2093421	97.002	ng/ul	99
96) Benzo(g,h,i)perylene	26.521	276	1918286	92.959	ng/ul	99

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

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