Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029912.D
Acq On : 10 May 2021 19:34
Operator : CG/JU
Sample : PB136039BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS039

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Quant Time: May 11 01:29:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 01:19:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	142153	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	666907	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	448936	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	904133	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	872017	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	716450	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	23896	6.71	ng/uL	0.00
4) Pyridine-d5	3.48	84	257166	28.86	ng/ul	0.00
7) Phenol-d5	6.74	99	416761	31.53	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	259273	31.63	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	332371	32.58	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	349117	31.93	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	163387	35.55	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	182075	35.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	347296	33.39	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	446718	28.22	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	1159933	33.33	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	1429144	32.41	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	188199	33.21	ng/ul	0.00
60) Fluorene-d10	15.20	176	992440	33.60	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	205448	34.98	ng/ul	0.00
73) Anthracene-d10	17.04	188	1553569	34.12	ng/ul	0.00
81) Pyrene-d10	19.34	212	1742613	38.96	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	1429425	35.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	50048	12.992	ng/uL	91
5) Pyridine	3.49	79	257793	28.201	ng/ul	98
6) Benzaldehyde	6.71	77	192558	28.218	ng/ul	98
8) Phenol	6.76	94	422168	31.279	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.99	93	325124	30.466	ng/ul	99
12) 2-Chlorophenol	7.12	128	334968	32.192	ng/ul	98
13) 2-Methylphenol	8.00	108	319792	31.272	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.09	45	548269	34.107	ng/ul	96
16) Acetophenone	8.38	105	544255	31.021	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.37	70	304014	33.867	ng/ul	95
18) 4-Methylphenol	8.33	108	353275	31.163	ng/ul	99
19) Hexachloroethane	8.62	117	143300	32.596	ng/ul	97
22) Nitrobenzene	8.75	77	422669	35.295	ng/ul	97
23) Isophorone	9.27	82	821569	32.435	ng/ul	100
25) 2-Nitrophenol	9.46	139	194276	34.497	ng/ul	97
26) 2,4-Dimethylphenol	9.52	107	394273	31.027	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.76	93	474426	31.978	ng/ul	99
29) 2,4-Dichlorophenol	9.99	162	327247	32.037	ng/ul	99
30) Naphthalene	10.37	128	1141499	30.837	ng/ul	99
32) 4-Chloroaniline	10.50	127	428322	26.266	ng/ul	99
33) Hexachlorobutadiene	10.66	225	204831	29.908	ng/ul	98
34) Caprolactam	11.29	113	125120m	34.514	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	388958	34.408	ng/ul	98
36) 2-Methylnaphthalene	12.00	142	828289	30.846	ng/ul	99
37) 1-Methylnaphthalene	12.22	142	809662	30.425	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	422466	30.453	ng/ul	98
40) Hexachlorocyclopentadiene	12.35	237	208507	28.935	ng/ul	98
41) 2,4,6-Trichlorophenol	12.63	196	278999	32.980	ng/ul	97
42) 2,4,5-Trichlorophenol	12.70	196	296374	33.103	ng/ul	97
43) 1,1'-Biphenyl	13.03	154	1088309	31.185	ng/ul	98
44) 2-Chloronaphthalene	13.07	162	839957	31.363	ng/ul	99
45) 2-Nitroaniline	13.29	65	273940	40.468	ng/ul	95
47) Dimethylphthalate	13.67	163	1150009	33.005	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	232218	37.126	ng/ul	97
50) Acenaphthylene	13.92	152	1312883	30.784	ng/ul	98
51) 3-Nitroaniline	14.12	138	213739	30.418	ng/ul	99
52) Acenaphthene	14.26	153	955584	31.703	ng/ul	98
53) 2,4-Dinitrophenol	14.34	184	134805	31.676	ng/ul	94
55) 4-Nitrophenol	14.44	109	152173	34.920	ng/ul	97
56) Dibenzofuran	14.60	168	1329145	32.196	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	348370	37.638	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.83	232	274759	32.227	ng/ul	96
59) Diethylphthalate	15.04	149	1227895	33.788	ng/ul	100
61) Fluorene	15.26	166	1166245	33.045	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.25	204	561936	32.403	ng/ul	97
63) 4-Nitroaniline	15.29	138	231741m	33.271	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.35	198	195949	33.903	ng/ul#	99
67) N-Nitrosodiphenylamine	15.47	169	995416	33.892	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	343201	34.103	ng/ul	96
69) Hexachlorobenzene	16.26	284	400192	33.486	ng/ul	97
70) Atrazine	16.43	200	354679	32.731	ng/ul	100
71) Pentachlorophenol	16.60	266	219023	31.984	ng/ul	99
72) Phenanthrene	16.99	178	1833486	34.392	ng/ul	99
74) Anthracene	17.08	178	1864218	34.204	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	440744	30.818	ng/uL	97
76) Pentachlorobenzene	14.52	250	430531	31.566	ng/uL	98
77) Carbazole	17.36	167	1642728	32.895	ng/ul	99
78) Di-n-butylphthalate	17.93	149	2156095	36.376	ng/ul	99
80) Fluoranthene	19.01	202	2110970	38.774	ng/ul	98
82) Pyrene	19.37	202	2206557	38.513	ng/ul	99
83) Butylbenzylphthalate	20.29	149	908742	44.631	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.06	252	601965	30.343	ng/ul	99
85) Benzo(a)anthracene	21.12	228	2023605	35.568	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	1435695	40.895	ng/ul	100
87) Chrysene	21.17	228	2003771	35.361	ng/ul	100
89) Di-n-octyl phthalate	21.92	149	2329980	42.498	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1799477	38.721	ng/ul	99
91) Benzo(k)fluoranthene	22.69	252	1806455	36.973	ng/ul	99
93) Benzo(a)pyrene	23.20	252	1530315	36.257	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.44	276	1738527	34.032	ng/ul	99
95) Dibenzo(a,h)anthracene	25.45	278	1466810	33.873	ng/ul	99
96) Benzo(g,h,i)perylene	26.10	276	1394000	33.679	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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