Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029844.D
Acq On : 06 May 2021 02:19
Operator : CG/JU
Sample : PB136016BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS016

Manual Integrations APPROVED
mohammad
5/6/2021 4:49:41 PM

Quant Time: May 06 04:07:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 06 03:37:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	127296	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	514110	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	328670	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	647490	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	731398	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	723658	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	3924	1.14	ng/uL	0.00
4) Pyridine-d5	3.49	84	61827	7.84	ng/ul	-0.01
7) Phenol-d5	6.75	99	360932	32.65	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.91	67	238444	34.92	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	289363	32.86	ng/ul	-0.01
15) 4-Methylphenol-d8	8.28	113	258451	29.29	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	138172	36.17	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	119900	28.75	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	266724	34.20	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.49	131	344537	30.31	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	820591	33.43	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	1141360	35.55	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	122469	32.43	ng/ul	0.00
60) Fluorene-d10	15.21	176	750659	35.94	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	119590	27.52	ng/ul	0.00
73) Anthracene-d10	17.06	188	1180738	36.87	ng/ul	0.00
81) Pyrene-d10	19.36	212	1317262	35.10	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	1555189	38.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	8804	2.317	ng/uL#	75
5) Pyridine	3.50	79	72620	8.743	ng/ul	84
6) Benzaldehyde	6.72	77	199887	33.558	ng/ul	98
8) Phenol	6.77	94	385525	34.277	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.00	93	310676	35.319	ng/ul	98
12) 2-Chlorophenol	7.13	128	308189	34.668	ng/ul	100
13) 2-Methylphenol	8.02	108	257569	30.516	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.10	45	483866	35.278	ng/ul	99
16) Acetophenone	8.39	105	521541	38.909	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.37	70	240558	34.041	ng/ul	95
18) 4-Methylphenol	8.35	108	296833	33.046	ng/ul	98
19) Hexachloroethane	8.62	117	152728	38.732	ng/ul	96
22) Nitrobenzene	8.76	77	387552	40.353	ng/ul	97
23) Isophorone	9.29	82	656961	36.419	ng/ul	98
25) 2-Nitrophenol	9.47	139	147211	32.475	ng/ul	96
26) 2,4-Dimethylphenol	9.53	107	274437	29.402	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.77	93	392850	37.110	ng/ul	98
29) 2,4-Dichlorophenol	9.99	162	272770	36.335	ng/ul	97
30) Naphthalene	10.39	128	1028371	36.363	ng/ul	98
32) 4-Chloroaniline	10.51	127	362704	31.426	ng/ul	99
33) Hexachlorobutadiene	10.67	225	184565	35.679	ng/ul	98
34) Caprolactam	11.29	113	76476m	31.565	ng/ul	

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35) 4-Chloro-3-methylphenol	11.64	107	286916	36.742	ng/ul	98
36) 2-Methylnaphthalene	12.01	142	696318	36.112	ng/ul	100
37) 1-Methylnaphthalene	12.23	142	686108	35.682	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	341395	32.785	ng/ul	99
40) Hexachlorocyclopentadiene	12.36	237	111664	21.600	ng/ul	92
41) 2,4,6-Trichlorophenol	12.63	196	192211	31.217	ng/ul	94
42) 2,4,5-Trichlorophenol	12.71	196	214586	32.388	ng/ul	99
43) 1,1'-Biphenyl	13.04	154	889293	34.162	ng/ul	98
44) 2-Chloronaphthalene	13.07	162	699934	35.010	ng/ul	98
45) 2-Nitroaniline	13.30	65	148609	28.229	ng/ul	95
47) Dimethylphthalate	13.68	163	861473	35.171	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	150241	31.562	ng/ul	98
50) Acenaphthylene	13.93	152	1091243	34.870	ng/ul	99
51) 3-Nitroaniline	14.13	138	137167	27.215	ng/ul	97
52) Acenaphthene	14.27	153	791278	35.803	ng/ul	98
53) 2,4-Dinitrophenol	14.34	184	62415	22.844	ng/ul	90
55) 4-Nitrophenol	14.46	109	104788	39.065	ng/ul	98
56) Dibenzofuran	14.61	168	1093011	36.908	ng/ul	100
57) 2,4-Dinitrotoluene	14.59	165	251884	37.485	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.84	232	185587	31.566	ng/ul	95
59) Diethylphthalate	15.05	149	879440	35.206	ng/ul	99
61) Fluorene	15.26	166	938076	37.638	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.26	204	439029	36.526	ng/ul	100
63) 4-Nitroaniline	15.30	138	151976m	29.972	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	122116	28.922	ng/ul	99
67) N-Nitrosodiphenylamine	15.48	169	755408	35.656	ng/ul	98
68) 4-Bromophenyl-phenylether	16.16	248	251070	34.689	ng/ul	99
69) Hexachlorobenzene	16.27	284	305947	36.034	ng/ul	99
70) Atrazine	16.44	200	208132	27.490	ng/ul	98
71) Pentachlorophenol	16.62	266	155878	33.365	ng/ul	93
72) Phenanthrene	17.00	178	1436256	37.387	ng/ul	100
74) Anthracene	17.09	178	1468128	37.531	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	335746	30.166	ng/uL	97
76) Pentachlorobenzene	14.53	250	340907	33.541	ng/uL	99
77) Carbazole	17.37	167	1268418	35.494	ng/ul	99
78) Di-n-butylphthalate	17.93	149	1447378	35.028	ng/ul	99
80) Fluoranthene	19.02	202	1618914	35.542	ng/ul	97
82) Pyrene	19.38	202	1759441	36.284	ng/ul	95
83) Butylbenzylphthalate	20.29	149	452990	23.572	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.07	252	323968	18.971	ng/ul	98
85) Benzo(a)anthracene	21.13	228	1747594	36.795	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	809237	26.791	ng/ul	99
87) Chrysene	21.18	228	1730463	36.005	ng/ul	99
89) Di-n-octyl phthalate	21.93	149	1464696	28.330	ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	1808904	38.219	ng/ul	99
91) Benzo(k)fluoranthene	22.70	252	1880543	40.486	ng/ul	99
93) Benzo(a)pyrene	23.21	252	1674539	39.503	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.47	276	2281201	40.537	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.48	278	1919304	40.803	ng/ul	98
96) Benzo(g,h,i)perylene	26.13	276	1869957	39.828	ng/ul	97

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

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