Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030095.D
Acq On : 20 May 2021 18:30
Operator : CG/JU
Sample : PB136541BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS541

Manual Integrations APPROVED
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Quant Time: May 20 19:03:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 20 15:21:53 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	145922	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	672740	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	435990	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	806285	20.00	ng/ul	0.00
79) Chrysene-d12	21.11	240	680518	20.00	ng/ul	0.00
88) Perylene-d12	23.25	264	602975	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	17876	4.89	ng/uL	0.00
4) Pyridine-d5	3.45	84	123382	13.49	ng/ul	0.00
7) Phenol-d5	6.70	99	275851	20.33	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	180172	21.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	228026	21.77	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	227490	20.27	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	107495	23.19	ng/ul	0.00
24) 2-Nitrophenol-d4	9.39	143	120605	23.05	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	238552	22.74	ng/ul	0.00
31) 4-Chloroaniline-d4	10.44	131	294445	18.44	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	681306	20.16	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	881538	20.58	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	95635	17.38	ng/ul	0.00
60) Fluorene-d10	15.16	176	578963	20.18	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	114590	21.88	ng/ul	0.00
73) Anthracene-d10	17.02	188	821778	20.24	ng/ul	0.00
81) Pyrene-d10	19.31	212	807636	23.13	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.12	264	734751	21.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	58169	14.711	ng/uL#	87
5) Pyridine	3.46	79	344763	36.741	ng/ul	95
6) Benzaldehyde	6.67	77	294354	42.021	ng/ul	96
8) Phenol	6.73	94	536620	38.733	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.95	93	417205	38.085	ng/ul	97
12) 2-Chlorophenol	7.08	128	425436	39.830	ng/ul	97
13) 2-Methylphenol	7.97	108	403298	38.420	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.04	45	715081	43.335	ng/ul	96
16) Acetophenone	8.34	105	686091	38.096	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.33	70	387456	42.048	ng/ul	94
18) 4-Methylphenol	8.30	108	445842	38.313	ng/ul	98
19) Hexachloroethane	8.57	117	183781	40.725	ng/ul	97
22) Nitrobenzene	8.71	77	523349	43.323	ng/ul	96
23) Isophorone	9.23	82	1027453	40.211	ng/ul	99
25) 2-Nitrophenol	9.42	139	248147	43.681	ng/ul	96
26) 2,4-Dimethylphenol	9.49	107	487891	38.061	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.72	93	605959	40.490	ng/ul	99
29) 2,4-Dichlorophenol	9.95	162	417000	40.469	ng/ul	99
30) Naphthalene	10.33	128	1414155	37.871	ng/ul	99
32) 4-Chloroaniline	10.46	127	529086	32.164	ng/ul	99
33) Hexachlorobutadiene	10.62	225	268355	38.843	ng/ul	98
34) Caprolactam	11.25	113	124777m	34.121	ng/ul	

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35) 4-Chloro-3-methylphenol	11.60	107	473757	41.547	ng/ul	98
36) 2-Methylnaphthalene	11.96	142	1020547	37.676	ng/ul	98
37) 1-Methylnaphthalene	12.18	142	1005119	37.443	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.34	216	524165	38.906	ng/ul	99
40) Hexachlorocyclopentadiene	12.31	237	237917	33.996	ng/ul	99
41) 2,4,6-Trichlorophenol	12.59	196	347935	42.350	ng/ul	99
42) 2,4,5-Trichlorophenol	12.66	196	366066	42.101	ng/ul	98
43) 1,1'-Biphenyl	12.99	154	1343507	39.641	ng/ul	98
44) 2-Chloronaphthalene	13.03	162	1032002	39.677	ng/ul	99
45) 2-Nitroaniline	13.25	65	320615	48.770	ng/ul	96
47) Dimethylphthalate	13.64	163	1290254	38.129	ng/ul	100
48) 2,6-Dinitrotoluene	13.76	165	269073	44.295	ng/ul	92
50) Acenaphthylene	13.89	152	1529210	36.920	ng/ul	99
51) 3-Nitroaniline	14.09	138	237834	34.852	ng/ul	98
52) Acenaphthene	14.23	153	1125793	38.459	ng/ul	99
53) 2,4-Dinitrophenol	14.31	184	135372	32.754	ng/ul	94
55) 4-Nitrophenol	14.42	109	142216	33.604	ng/ul	100
56) Dibenzofuran	14.57	168	1547017	38.586	ng/ul	97
57) 2,4-Dinitrotoluene	14.56	165	369839	41.144	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.80	232	312436	37.735	ng/ul	100
59) Diethylphthalate	15.01	149	1335932	37.852	ng/ul	100
61) Fluorene	15.22	166	1300391	37.940	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.22	204	655445	38.917	ng/ul	97
63) 4-Nitroaniline	15.26	138	236129m	34.907	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	207132	40.187	ng/ul#	97
67) N-Nitrosodiphenylamine	15.44	169	1064713	40.650	ng/ul	99
68) 4-Bromophenyl-phenylether	16.12	248	380122	42.355	ng/ul	100
69) Hexachlorobenzene	16.22	284	429786	40.327	ng/ul	95
70) Atrazine	16.40	200	363785	37.645	ng/ul	98
71) Pentachlorophenol	16.57	266	230843	37.801	ng/ul	98
72) Phenanthrene	16.96	178	1834479	38.587	ng/ul	99
74) Anthracene	17.05	178	1859252	38.253	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	529466	41.514	ng/uL	98
76) Pentachlorobenzene	14.49	250	507641	41.737	ng/uL	98
77) Carbazole	17.33	167	1544282	34.677	ng/ul	99
78) Di-n-butylphthalate	17.89	149	2141232	40.509	ng/ul	100
80) Fluoranthene	18.98	202	1916187	45.100	ng/ul	98
82) Pyrene	19.34	202	1956779	43.764	ng/ul	98
83) Butylbenzylphthalate	20.26	149	856300	53.890	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.03	252	602234	38.899	ng/ul	99
85) Benzo(a)anthracene	21.09	228	1769728	39.859	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	1380837	50.400	ng/ul	100
87) Chrysene	21.14	228	1732450	39.176	ng/ul	100
89) Di-n-octyl phthalate	21.89	149	2232863	48.391	ng/ul	100
90) Benzo(b)fluoranthene	22.61	252	1735750	44.379	ng/ul	99
91) Benzo(k)fluoranthene	22.66	252	1724362	41.935	ng/ul	99
93) Benzo(a)pyrene	23.16	252	1511777	42.559	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.38	276	1930782	44.908	ng/ul	99
95) Dibenzo(a,h)anthracene	25.39	278	1633719	44.828	ng/ul	99
96) Benzo(g,h,i)perylene	26.03	276	1555051	44.641	ng/ul	99

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

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