Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030114.D
Acq On : 21 May 2021 12:28
Operator : CG/JU
Sample : PB136564BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS564

Manual Integrations APPROVED
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Quant Time: May 21 13:03:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 20 12:00:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	150977	20.00	ng/ul	0.00
20) Naphthalene-d8	10.28	136	703444	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	476693	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	982596	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	995386	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	798643	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	19020	5.03	ng/uL	0.00
4) Pyridine-d5	3.45	84	130972	13.84	ng/ul	0.00
7) Phenol-d5	6.70	99	286947	20.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	184482	21.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	232466	21.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	240707	20.73	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	113500	23.41	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	126526	23.12	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	253510	23.11	ng/ul	0.00
31) 4-Chloroaniline-d4	10.43	131	314676	18.85	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	768095	20.79	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	961525	20.53	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	119807	19.91	ng/ul	0.00
60) Fluorene-d10	15.16	176	659364	21.02	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	142532	22.33	ng/ul	0.00
73) Anthracene-d10	17.01	188	1015040	20.51	ng/ul	0.00
81) Pyrene-d10	19.31	212	1105507	21.65	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	978156	21.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	58081	14.197	ng/uL#	90
5) Pyridine	3.46	79	351841	36.240	ng/ul	94
6) Benzaldehyde	6.67	77	301431	41.591	ng/ul	97
8) Phenol	6.73	94	562345	39.230	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.95	93	422531	37.279	ng/ul	98
12) 2-Chlorophenol	7.07	128	437276	39.568	ng/ul	97
13) 2-Methylphenol	7.96	108	423499	38.993	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.03	45	730757m	42.803	ng/ul	
16) Acetophenone	8.33	105	699990	37.566	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.33	70	401843	42.149	ng/ul	96
18) 4-Methylphenol	8.29	108	466490	38.745	ng/ul	97
19) Hexachloroethane	8.57	117	185117	39.647	ng/ul	98
22) Nitrobenzene	8.71	77	544009	43.067	ng/ul	98
23) Isophorone	9.23	82	1071356	40.099	ng/ul	99
25) 2-Nitrophenol	9.41	139	258975	43.597	ng/ul	97
26) 2,4-Dimethylphenol	9.48	107	507636	37.873	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.72	93	632335	40.408	ng/ul	99
29) 2,4-Dichlorophenol	9.95	162	440721	40.904	ng/ul	99
30) Naphthalene	10.33	128	1477146	37.832	ng/ul	99
32) 4-Chloroaniline	10.46	127	572403	33.278	ng/ul	97
33) Hexachlorobutadiene	10.61	225	271936	37.643	ng/ul	96
34) Caprolactam	11.25	113	148664m	38.879	ng/ul	

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35) 4-Chloro-3-methylphenol	11.59	107	510876	42.846 ng/ul	98
36) 2-Methylnaphthalene	11.96	142	1086836	38.372 ng/ul	99
37) 1-Methylnaphthalene	12.17	142	1080560	38.496 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	554844	37.667 ng/ul	100
40) Hexachlorocyclopentadiene	12.30	237	245771	32.120 ng/ul	100
41) 2,4,6-Trichlorophenol	12.59	196	376314	41.893 ng/ul	99
42) 2,4,5-Trichlorophenol	12.66	196	397522	41.815 ng/ul	99
43) 1,1'-Biphenyl	12.99	154	1434965	38.724 ng/ul	98
44) 2-Chloronaphthalene	13.03	162	1108933	38.995 ng/ul	99
45) 2-Nitroaniline	13.25	65	362293	50.404 ng/ul	98
47) Dimethylphthalate	13.63	163	1456550	39.368 ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	306621	46.166 ng/ul	94
50) Acenaphthylene	13.88	152	1679026	37.076 ng/ul	99
51) 3-Nitroaniline	14.09	138	288428	38.657 ng/ul	94
52) Acenaphthene	14.23	153	1242149	38.811 ng/ul	99
53) 2,4-Dinitrophenol	14.31	184	156503	34.633 ng/ul	95
55) 4-Nitrophenol	14.42	109	182387	39.416 ng/ul	97
56) Dibenzofuran	14.57	168	1724641	39.343 ng/ul	99
57) 2,4-Dinitrotoluene	14.56	165	446340	45.414 ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.80	232	360691	39.843 ng/ul	98
59) Diethylphthalate	15.00	149	1547894	40.113 ng/ul	99
61) Fluorene	15.22	166	1489063	39.735 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.22	204	734077	39.864 ng/ul	100
63) 4-Nitroaniline	15.26	138	291870m	39.463 ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	253065	40.289 ng/ul#	94
67) N-Nitrosodiphenylamine	15.43	169	1242030	38.911 ng/ul	99
68) 4-Bromophenyl-phenylether	16.11	248	438775	40.118 ng/ul	98
69) Hexachlorobenzene	16.22	284	508094	39.120 ng/ul	98
70) Atrazine	16.40	200	458125	38.901 ng/ul	98
71) Pentachlorophenol	16.57	266	282210	37.921 ng/ul	98
72) Phenanthrene	16.96	178	2251505	38.861 ng/ul	100
74) Anthracene	17.04	178	2306515	38.940 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	567623	36.520 ng/uL	97
76) Pentachlorobenzene	14.49	250	557927	37.640 ng/uL	98
77) Carbazole	17.32	167	2008625	37.010 ng/ul	99
78) Di-n-butylphthalate	17.89	149	2728228	42.353 ng/ul	100
80) Fluoranthene	18.97	202	2610623	42.008 ng/ul	97
82) Pyrene	19.34	202	2723099	41.637 ng/ul	99
83) Butylbenzylphthalate	20.26	149	1213797	52.225 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.03	252	896304	39.580 ng/ul	99
85) Benzo(a)anthracene	21.09	228	2567139	39.529 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	1906178	47.566 ng/ul	98
87) Chrysene	21.14	228	2517254	38.917 ng/ul	100
89) Di-n-octyl phthalate	21.89	149	3025648	49.507 ng/ul	100
90) Benzo(b)fluoranthene	22.61	252	2430507	46.917 ng/ul	100
91) Benzo(k)fluoranthene	22.65	252	2280030	41.864 ng/ul	99
93) Benzo(a)pyrene	23.16	252	1999379	42.496 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.38	276	2268437	39.835 ng/ul	100
95) Dibenzo(a,h)anthracene	25.39	278	1915218	39.677 ng/ul	99
96) Benzo(g,h,i)perylene	26.03	276	1783158	38.648 ng/ul	100

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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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