Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029979.D
Acq On : 12 May 2021 13:45
Operator : CG/JU
Sample : PB136093BS
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS093

Manual Integrations APPROVED
Sohil
5/13/2021 10:30:37 AM

Quant Time: May 12 14:18:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	160532	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.32	136	726475	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	456313	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	852798	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	728357	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	675261	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25557	6.36	ng/uL	0.00
4) Pyridine-d5	3.47	84	282705	28.09	ng/ul	-0.01
7) Phenol-d5	6.73	99	461323	30.90	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	292186	31.56	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	374137	32.47	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	379624	30.75	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	178088	35.57	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.42	143	201518	35.66	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	380890	33.62	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	473939	27.49	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	1171570	33.12	ng/ul	0.00
49) Acenaphthylene-d8	13.88	160	1466081	32.71	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.43	143	173075	30.04	ng/ul	0.00
60) Fluorene-d10	15.19	176	986680	32.86	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	191275	34.53	ng/ul	0.00
73) Anthracene-d10	17.04	188	1457479	33.94	ng/ul	0.00
81) Pyrene-d10	19.33	212	1478465	39.57	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	1351729	35.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	54887	12.617	ng/uL#	89
5) Pyridine	3.49	79	284811	27.590	ng/ul	97
6) Benzaldehyde	6.70	77	216813	28.135	ng/ul	97
8) Phenol	6.76	94	464500	30.476	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.98	93	365101	30.295	ng/ul	98
12) 2-Chlorophenol	7.11	128	372245	31.679	ng/ul	96
13) 2-Methylphenol	7.99	108	349341	30.251	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.07	45	628555	34.625	ng/ul	96
16) Acetophenone	8.37	105	582887	29.420	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.36	70	331002	32.652	ng/ul	95
18) 4-Methylphenol	8.32	108	384972	30.071	ng/ul	97
19) Hexachloroethane	8.60	117	160596	32.348	ng/ul	97
22) Nitrobenzene	8.74	77	450931	34.567	ng/ul	98
23) Isophorone	9.26	82	874131	31.680	ng/ul	98
25) 2-Nitrophenol	9.45	139	212792	34.687	ng/ul	98
26) 2,4-Dimethylphenol	9.51	107	421006	30.414	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.75	93	520749	32.222	ng/ul	99
29) 2,4-Dichlorophenol	9.97	162	355540	31.952	ng/ul	99
30) Naphthalene	10.36	128	1218496	30.218	ng/ul	99
32) 4-Chloroaniline	10.49	127	449344	25.296	ng/ul	97
33) Hexachlorobutadiene	10.65	225	228802	30.668	ng/ul	97
34) Caprolactam	11.27	113	119867m	30.354	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	408850	33.203	ng/ul	99
36) 2-Methylnaphthalene	11.99	142	878725	30.041	ng/ul	98
37) 1-Methylnaphthalene	12.21	142	860633	29.689	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	449270	31.862	ng/ul	99
40) Hexachlorocyclopentadiene	12.34	237	208904	28.521	ng/ul	99
41) 2,4,6-Trichlorophenol	12.62	196	293007	34.076	ng/ul	98
42) 2,4,5-Trichlorophenol	12.69	196	311290	34.206	ng/ul	98
43) 1,1'-Biphenyl	13.02	154	1141278	32.174	ng/ul	99
44) 2-Chloronaphthalene	13.06	162	875952	32.178	ng/ul	99
45) 2-Nitroaniline	13.28	65	279208	40.580	ng/ul	97
47) Dimethylphthalate	13.66	163	1165760	32.916	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	234690	36.914	ng/ul	95
50) Acenaphthylene	13.91	152	1327043	30.612	ng/ul	99
51) 3-Nitroaniline	14.12	138	210733	29.505	ng/ul	99
52) Acenaphthene	14.26	153	982151	32.058	ng/ul	100
53) 2,4-Dinitrophenol	14.33	184	123231	28.488	ng/ul	92
55) 4-Nitrophenol	14.44	109	138650	31.302	ng/ul	98
56) Dibenzofuran	14.59	168	1345387	32.062	ng/ul	97
57) 2,4-Dinitrotoluene	14.58	165	334186	35.522	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.83	232	276287	31.883	ng/ul	99
59) Diethylphthalate	15.03	149	1218836	32.997	ng/ul	99
61) Fluorene	15.25	166	1156621	32.242	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.25	204	570969	32.392	ng/ul	99
63) 4-Nitroaniline	15.29	138	209884m	29.646	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.35	198	185054	33.945	ng/ul#	96
67) N-Nitrosodiphenylamine	15.46	169	973091	35.126	ng/ul	100
68) 4-Bromophenyl-phenylether	16.14	248	333035	35.084	ng/ul	97
69) Hexachlorobenzene	16.25	284	390468	34.639	ng/ul	97
70) Atrazine	16.42	200	331980	32.480	ng/ul	98
71) Pentachlorophenol	16.60	266	203761	31.547	ng/ul	99
72) Phenanthrene	16.98	178	1704743	33.902	ng/ul	100
74) Anthracene	17.07	178	1729711	33.647	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.98	216	467050	34.623	ng/uL	100
76) Pentachlorobenzene	14.52	250	439374	34.154	ng/uL	98
77) Carbazole	17.35	167	1463198	31.064	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1977853	35.377	ng/ul	100
80) Fluoranthene	19.00	202	1822895	40.087	ng/ul	99
82) Pyrene	19.36	202	1881666	39.320	ng/ul	98
83) Butylbenzylphthalate	20.27	149	810172	47.638	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.06	252	467760	28.229	ng/ul	99
85) Benzo(a)anthracene	21.12	228	1687837	35.518	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.05	149	1238443	42.234	ng/ul	98
87) Chrysene	21.16	228	1647875	34.816	ng/ul	99
89) Di-n-octyl phthalate	21.91	149	2014628	38.988	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1688763	38.555	ng/ul	99
91) Benzo(k)fluoranthene	22.69	252	1589705	34.522	ng/ul	99
93) Benzo(a)pyrene	23.19	252	1453396	36.535	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.43	276	1883820	39.125	ng/ul	99
95) Dibenzo(a,h)anthracene	25.43	278	1578717	38.681	ng/ul	100
96) Benzo(g,h,i)perylene	26.09	276	1540330	39.485	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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