Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030097.D
Acq On : 20 May 2021 19:44
Operator : CG/JU
Sample : PB136551BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS551

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Quant Time: May 21 01:16:15 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	150421	20.00	ng/ul	0.00
20) Naphthalene-d8	10.29	136	664777	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	419211	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.92	188	764416	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	657913	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	587370	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	19188	5.09	ng/uL	0.00
4) Pyridine-d5	3.45	84	127202	13.49	ng/ul	0.00
7) Phenol-d5	6.70	99	276014	19.73	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	178117	20.53	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	226508	20.98	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	222219	19.21	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	105336	22.99	ng/ul	0.00
24) 2-Nitrophenol-d4	9.39	143	118597	22.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	233031	22.48	ng/ul	0.00
31) 4-Chloroaniline-d4	10.43	131	284531	18.03	ng/ul	0.00
46) Dimethylphthalate-d6	13.59	166	649496	19.99	ng/ul	0.00
49) Acenaphthylene-d8	13.86	160	851202	20.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	87960	16.62	ng/ul	0.00
60) Fluorene-d10	15.16	176	560656	20.33	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	109176	21.99	ng/ul	0.00
73) Anthracene-d10	17.02	188	777856	20.21	ng/ul	0.00
81) Pyrene-d10	19.31	212	770047	22.82	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	711382	21.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	59747	14.658	ng/uL	91
5) Pyridine	3.46	79	348517	36.030	ng/ul	95
6) Benzaldehyde	6.67	77	295481	40.921	ng/ul	95
8) Phenol	6.73	94	532095	37.257	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.95	93	413591	36.626	ng/ul	96
12) 2-Chlorophenol	7.08	128	424132	38.521	ng/ul	97
13) 2-Methylphenol	7.96	108	399965	36.963	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.04	45	706456	41.532	ng/ul	95
16) Acetophenone	8.34	105	684348	36.862	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.33	70	381537	40.167	ng/ul	94
18) 4-Methylphenol	8.30	108	439306	36.622	ng/ul	99
19) Hexachloroethane	8.57	117	182933	39.324	ng/ul	98
22) Nitrobenzene	8.71	77	513480	43.015	ng/ul	97
23) Isophorone	9.23	82	997384	39.502	ng/ul	97
25) 2-Nitrophenol	9.42	139	246858	43.975	ng/ul	98
26) 2,4-Dimethylphenol	9.49	107	476011	37.579	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.72	93	589314	39.849	ng/ul	99
29) 2,4-Dichlorophenol	9.95	162	406237	39.897	ng/ul	99
30) Naphthalene	10.33	128	1398463	37.900	ng/ul	99
32) 4-Chloroaniline	10.46	127	520179	32.001	ng/ul	98
33) Hexachlorobutadiene	10.62	225	263735	38.632	ng/ul	97
34) Caprolactam	11.25	113	125190m	34.644	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.60	107	454321	40.319	ng/ul	99
36) 2-Methylnaphthalene	11.96	142	1006675	37.609	ng/ul	98
37) 1-Methylnaphthalene	12.18	142	979450	36.923	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	512573	39.568	ng/ul	99
40) Hexachlorocyclopentadiene	12.31	237	230053	34.188	ng/ul	100
41) 2,4,6-Trichlorophenol	12.59	196	334163	42.302	ng/ul	99
42) 2,4,5-Trichlorophenol	12.66	196	348279	41.658	ng/ul	96
43) 1,1'-Biphenyl	12.99	154	1292795	39.671	ng/ul	98
44) 2-Chloronaphthalene	13.03	162	1007881	40.301	ng/ul	100
45) 2-Nitroaniline	13.25	65	311226	49.237	ng/ul	96
47) Dimethylphthalate	13.64	163	1232199	37.871	ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	255706	43.779	ng/ul	93
50) Acenaphthylene	13.89	152	1472538	36.975	ng/ul	99
51) 3-Nitroaniline	14.09	138	225053	34.299	ng/ul	96
52) Acenaphthene	14.23	153	1089133	38.696	ng/ul	100
53) 2,4-Dinitrophenol	14.31	184	119704	30.122	ng/ul	90
55) 4-Nitrophenol	14.42	109	136861	33.633	ng/ul	99
56) Dibenzofuran	14.57	168	1489821	38.647	ng/ul	98
57) 2,4-Dinitrotoluene	14.56	165	352507	40.785	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.80	232	300767	37.780	ng/ul	98
59) Diethylphthalate	15.01	149	1266977	37.335	ng/ul	99
61) Fluorene	15.22	166	1246797	37.832	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	626525	38.689	ng/ul	99
63) 4-Nitroaniline	15.26	138	226140m	34.769	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	195197	39.946	ng/ul#	98
67) N-Nitrosodiphenylamine	15.44	169	1016464	40.934	ng/ul	98
68) 4-Bromophenyl-phenylether	16.11	248	359567	42.259	ng/ul	97
69) Hexachlorobenzene	16.22	284	410126	40.590	ng/ul	96
70) Atrazine	16.40	200	342987	37.437	ng/ul	98
71) Pentachlorophenol	16.57	266	217674	37.597	ng/ul	98
72) Phenanthrene	16.96	178	1752802	38.888	ng/ul	99
74) Anthracene	17.05	178	1767362	38.354	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	514787	42.574	ng/uL	99
76) Pentachlorobenzene	14.49	250	485968	42.143	ng/uL	99
77) Carbazole	17.33	167	1475770	34.953	ng/ul	99
78) Di-n-butylphthalate	17.89	149	2001886	39.947	ng/ul	100
80) Fluoranthene	18.98	202	1827470	44.490	ng/ul	99
82) Pyrene	19.34	202	1858503	42.994	ng/ul	99
83) Butylbenzylphthalate	20.26	149	796513	51.850	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.03	252	579600	38.723	ng/ul	99
85) Benzo(a)anthracene	21.09	228	1686631	39.293	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	1262273	47.656	ng/ul	100
87) Chrysene	21.14	228	1668928	39.036	ng/ul	99
89) Di-n-octyl phthalate	21.89	149	2082373	46.329	ng/ul	100
90) Benzo(b)fluoranthene	22.61	252	1689235	44.337	ng/ul	100
91) Benzo(k)fluoranthene	22.65	252	1612561	40.258	ng/ul	99
93) Benzo(a)pyrene	23.16	252	1452498	41.977	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.38	276	1888452	45.090	ng/ul	99
95) Dibenzo(a,h)anthracene	25.39	278	1598120	45.016	ng/ul	99
96) Benzo(g,h,i)perylene	26.03	276	1528213	45.036	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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