Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029977.D
Acq On : 12 May 2021 12:32
Operator : CG/JU
Sample : PB136089BS
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS089

Manual Integrations APPROVED
mohammad
5/12/2021 2:08:47 PM

Quant Time: May 12 13:11:06 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	148348	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.32	136	661920	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	413971	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	762245	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	679061	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	648462	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	23241	6.26	ng/uL	0.00
4) Pyridine-d5	3.47	84	258468	27.79	ng/ul	-0.01
7) Phenol-d5	6.73	99	427380	30.98	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	272126	31.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	345890	32.49	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	348759	30.57	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	160404	35.17	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.42	143	180698	35.10	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	343134	33.24	ng/ul	0.00
31) 4-Chloroaniline-d4	10.46	131	431999	27.50	ng/ul	-0.01
46) Dimethylphthalate-d6	13.61	166	1043213	32.51	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	1314299	32.32	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.42	143	152912	29.26	ng/ul	0.00
60) Fluorene-d10	15.19	176	883950	32.45	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	170401	34.42	ng/ul	0.00
73) Anthracene-d10	17.04	188	1300252	33.87	ng/ul	0.00
81) Pyrene-d10	19.33	212	1352210	38.82	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	1302900	35.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	50803	12.638	ng/uL	90
5) Pyridine	3.49	79	262119	27.477	ng/ul	98
6) Benzaldehyde	6.70	77	197184	27.689	ng/ul	97
8) Phenol	6.76	94	431349	30.625	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.98	93	336348	30.202	ng/ul	97
12) 2-Chlorophenol	7.11	128	341352	31.435	ng/ul	96
13) 2-Methylphenol	7.99	108	320766	30.058	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.07	45	573989	34.216	ng/ul	95
16) Acetophenone	8.37	105	529107	28.899	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.36	70	302820	32.326	ng/ul	96
18) 4-Methylphenol	8.32	108	353031	29.841	ng/ul	98
19) Hexachloroethane	8.60	117	147262	32.099	ng/ul	97
22) Nitrobenzene	8.74	77	417399	35.117	ng/ul	97
23) Isophorone	9.26	82	793294	31.554	ng/ul	99
25) 2-Nitrophenol	9.45	139	192665	34.469	ng/ul	97
26) 2,4-Dimethylphenol	9.52	107	387236	30.703	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.75	93	471256	32.004	ng/ul	99
29) 2,4-Dichlorophenol	9.97	162	323016	31.861	ng/ul	97
30) Naphthalene	10.37	128	1123626	30.583	ng/ul	100
32) 4-Chloroaniline	10.49	127	407090	25.152	ng/ul	98
33) Hexachlorobutadiene	10.65	225	207349	30.503	ng/ul	98
34) Caprolactam	11.27	113	107733m	29.942	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.63	107	365115	32.543	ng/ul	99
36) 2-Methylnaphthalene	11.99	142	800935	30.052	ng/ul	98
37) 1-Methylnaphthalene	12.21	142	780498	29.550	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	404181	31.596	ng/ul	99
40) Hexachlorocyclopentadiene	12.34	237	183114	27.557	ng/ul	100
41) 2,4,6-Trichlorophenol	12.62	196	263180	33.738	ng/ul	99
42) 2,4,5-Trichlorophenol	12.69	196	280273	33.948	ng/ul	97
43) 1,1'-Biphenyl	13.02	154	1028521	31.961	ng/ul	98
44) 2-Chloronaphthalene	13.06	162	793034	32.111	ng/ul	99
45) 2-Nitroaniline	13.28	65	250021	40.054	ng/ul	97
47) Dimethylphthalate	13.66	163	1031929	32.117	ng/ul	100
48) 2,6-Dinitrotoluene	13.79	165	209221	36.274	ng/ul	94
50) Acenaphthylene	13.91	152	1198180	30.467	ng/ul	99
51) 3-Nitroaniline	14.12	138	188174	29.042	ng/ul	99
52) Acenaphthene	14.26	153	874525	31.464	ng/ul	100
53) 2,4-Dinitrophenol	14.33	184	108638	27.683	ng/ul	90
55) 4-Nitrophenol	14.44	109	120807	30.064	ng/ul	98
56) Dibenzofuran	14.59	168	1197012	31.444	ng/ul	96
57) 2,4-Dinitrotoluene	14.58	165	297674	34.877	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.83	232	247869	31.529	ng/ul	100
59) Diethylphthalate	15.03	149	1080364	32.239	ng/ul	100
61) Fluorene	15.25	166	1030553	31.666	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.25	204	502708	31.436	ng/ul	99
63) 4-Nitroaniline	15.29	138	190483m	29.657	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.35	198	162576	33.365	ng/ul#	99
67) N-Nitrosodiphenylamine	15.46	169	860746	34.762	ng/ul	98
68) 4-Bromophenyl-phenylether	16.14	248	300217	35.384	ng/ul	98
69) Hexachlorobenzene	16.25	284	347337	34.473	ng/ul	98
70) Atrazine	16.42	200	294109	32.193	ng/ul	99
71) Pentachlorophenol	16.60	266	179624	31.113	ng/ul	99
72) Phenanthrene	16.98	178	1530367	34.050	ng/ul	100
74) Anthracene	17.07	178	1559295	33.935	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.98	216	420624	34.885	ng/uL	97
76) Pentachlorobenzene	14.52	250	388238	33.764	ng/uL	99
77) Carbazole	17.35	167	1331794	31.633	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1781558	35.652	ng/ul	100
80) Fluoranthene	19.00	202	1671859	39.434	ng/ul	99
82) Pyrene	19.36	202	1732814	38.838	ng/ul	99
83) Butylbenzylphthalate	20.27	149	734030	46.294	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.06	252	450419	29.155	ng/ul	99
85) Benzo(a)anthracene	21.11	228	1579406	35.649	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	1141049	41.737	ng/ul	100
87) Chrysene	21.16	228	1551067	35.150	ng/ul	100
89) Di-n-octyl phthalate	21.91	149	1881891	37.924	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1624606	38.623	ng/ul	100
91) Benzo(k)fluoranthene	22.68	252	1544204	34.920	ng/ul	99
93) Benzo(a)pyrene	23.19	252	1397138	36.573	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.43	276	1818839	39.337	ng/ul	99
95) Dibenzo(a,h)anthracene	25.44	278	1523781	38.878	ng/ul	99
96) Benzo(g,h,i)perylene	26.08	276	1488589	39.735	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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