Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029943.D
Acq On : 11 May 2021 15:22
Operator : CG/JU
Sample : PB136112BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS112

Manual Integrations APPROVED
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Quant Time: May 11 15:58:07 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	7.55	152	149683	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	675713	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	426536	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	823766	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	708872	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	650715	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	22706	6.06	ng/uL	0.00
4) Pyridine-d5	3.47	84	249824	26.62	ng/ul	-0.01
7) Phenol-d5	6.73	99	432444	31.07	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.89	67	269634	31.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	345525	32.16	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	356926	31.00	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	154037	33.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	179121	34.08	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	349194	33.13	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	445404	27.77	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	1102214	33.34	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	1371922	32.74	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	172749	32.08	ng/ul	0.00
60) Fluorene-d10	15.19	176	931961	33.21	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	188878	35.30	ng/ul	0.00
73) Anthracene-d10	17.04	188	1418094	34.19	ng/ul	0.00
81) Pyrene-d10	19.34	212	1471084	40.45	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	1298385	35.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	49455	12.193	ng/uL#	94
5) Pyridine	3.49	79	256386	26.636	ng/ul	99
6) Benzaldehyde	6.70	77	198019	27.558	ng/ul	99
8) Phenol	6.76	94	442949	31.168	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.99	93	337934	30.073	ng/ul	99
12) 2-Chlorophenol	7.12	128	348709	31.827	ng/ul	99
13) 2-Methylphenol	8.00	108	331801	30.814	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.08	45	562473m	33.231	ng/ul	
16) Acetophenone	8.37	105	537062	29.071	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.36	70	299480	31.684	ng/ul	98
18) 4-Methylphenol	8.33	108	359062	30.080	ng/ul	99
19) Hexachloroethane	8.61	117	143784	31.061	ng/ul	98
22) Nitrobenzene	8.75	77	406808	33.527	ng/ul	99
23) Isophorone	9.27	82	830503	32.360	ng/ul	99
25) 2-Nitrophenol	9.45	139	193136	33.848	ng/ul	98
26) 2,4-Dimethylphenol	9.52	107	386152	29.992	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.75	93	486750	32.381	ng/ul	99
29) 2,4-Dichlorophenol	9.98	162	329843	31.870	ng/ul	99
30) Naphthalene	10.37	128	1132012	30.182	ng/ul	99
32) 4-Chloroaniline	10.49	127	425910	25.778	ng/ul	99
33) Hexachlorobutadiene	10.65	225	200994	28.965	ng/ul	98
34) Caprolactam	11.28	113	124507m	33.898	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	379186	33.107	ng/ul	99
36) 2-Methylnaphthalene	11.99	142	810457	29.789	ng/ul	99
37) 1-Methylnaphthalene	12.22	142	795974	29.521	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	405913	30.797	ng/ul	99
40) Hexachlorocyclopentadiene	12.35	237	197480	28.844	ng/ul	100
41) 2,4,6-Trichlorophenol	12.62	196	275863	34.322	ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	291406	34.257	ng/ul	99
43) 1,1'-Biphenyl	13.02	154	1044525	31.502	ng/ul	97
44) 2-Chloronaphthalene	13.06	162	820574	32.248	ng/ul	99
45) 2-Nitroaniline	13.29	65	238820	37.133	ng/ul	98
47) Dimethylphthalate	13.67	163	1093889	33.043	ng/ul	100
48) 2,6-Dinitrotoluene	13.79	165	206885	34.812	ng/ul	97
50) Acenaphthylene	13.92	152	1251601	30.888	ng/ul	99
51) 3-Nitroaniline	14.12	138	192766	28.874	ng/ul	100
52) Acenaphthene	14.26	153	908933	31.739	ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	128953	31.892	ng/ul	99
55) 4-Nitrophenol	14.44	109	126453	30.542	ng/ul	93
56) Dibenzofuran	14.60	168	1257047	32.049	ng/ul	100
57) 2,4-Dinitrotoluene	14.58	165	313684	35.670	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.83	232	261608	32.296	ng/ul	99
59) Diethylphthalate	15.04	149	1145941	33.189	ng/ul	100
61) Fluorene	15.25	166	1073069	32.002	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.25	204	522242	31.696	ng/ul	97
63) 4-Nitroaniline	15.29	138	210086m	31.746	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.35	198	180293	34.237	ng/ul	94
67) N-Nitrosodiphenylamine	15.47	169	917506	34.287	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	311672	33.991	ng/ul	98
69) Hexachlorobenzene	16.25	284	367252	33.728	ng/ul	95
70) Atrazine	16.43	200	322760	32.691	ng/ul	100
71) Pentachlorophenol	16.60	266	203467	32.611	ng/ul	98
72) Phenanthrene	16.99	178	1630946	33.577	ng/ul	99
74) Anthracene	17.08	178	1666344	33.556	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	425907	32.685	ng/uL	96
76) Pentachlorobenzene	14.52	250	402887	32.421	ng/uL	98
77) Carbazole	17.35	167	1469730	32.302	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1940526	35.933	ng/ul	100
80) Fluoranthene	19.00	202	1817093	41.057	ng/ul	96
82) Pyrene	19.37	202	1863895	40.019	ng/ul	99
83) Butylbenzylphthalate	20.28	149	784982	47.426	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.06	252	454937	28.209	ng/ul	98
85) Benzo(a)anthracene	21.12	228	1649039	35.655	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	1198120	41.982	ng/ul	100
87) Chrysene	21.17	228	1607818	34.904	ng/ul	99
89) Di-n-octyl phthalate	21.92	149	1972126	39.605	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1644802	38.968	ng/ul	99
91) Benzo(k)fluoranthene	22.69	252	1519399	34.240	ng/ul	99
93) Benzo(a)pyrene	23.20	252	1393007	36.338	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.44	276	1761105	37.956	ng/ul	99
95) Dibenzo(a,h)anthracene	25.44	278	1486779	37.803	ng/ul	99
96) Benzo(g,h,i)perylene	26.09	276	1437098	38.228	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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