Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030107.D
Acq On : 21 May 2021 01:46
Operator : CG/JU
Sample : M2463-03MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GB3Y6MSD

Manual Integrations APPROVED
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5/21/2021 3:38:50 PM

Quant Time: May 21 02:24:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 21 01:06:37 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	174777	20.00	ng/ul	0.00
20) Naphthalene-d8	10.28	136	767913	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	470262	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	835873	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	733017	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	714304	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	14368	3.28	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.70	99	96023	5.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	287534	28.53	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	296714	23.65	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	188456	14.02	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	179888	33.99	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	203745	34.11	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	354766	29.62	ng/ul	0.00
31) 4-Chloroaniline-d4	10.45	131	43767	2.40	ng/ul	0.01
46) Dimethylphthalate-d6	13.59	166	1284238	35.23	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	1552720	33.61	ng/ul	0.00
54) 4-Nitrophenol-d4	14.41	143	31254	5.26	ng/ul	0.00
60) Fluorene-d10	15.16	176	1090789	35.25	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	225028	41.45	ng/ul	0.00
73) Anthracene-d10	17.01	188	1585622	37.67	ng/ul	0.00
81) Pyrene-d10	19.31	212	1591771	42.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.11	264	1526364	37.70	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	14225	3.004	ng/uL	95
6) Benzaldehyde	6.67	77	293206m	34.947	ng/ul	
8) Phenol	6.73	94	112280	6.766	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.95	93	355154	27.068	ng/ul	99
12) 2-Chlorophenol	7.08	128	299725	23.428	ng/ul	98
13) 2-Methylphenol	7.96	108	213332	16.968	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.04	45	628916	31.821	ng/ul	95
16) Acetophenone	8.33	105	594574	27.564	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.32	70	340760	30.875	ng/ul	96
18) 4-Methylphenol	8.29	108	202278	14.513	ng/ul	97
19) Hexachloroethane	8.57	117	161306	29.843	ng/ul	99
22) Nitrobenzene	8.71	77	466110	33.802	ng/ul	97
23) Isophorone	9.23	82	883832	30.303	ng/ul	99
25) 2-Nitrophenol	9.41	139	217896	33.602	ng/ul	99
26) 2,4-Dimethylphenol	9.48	107	364801	24.932	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.72	93	516119	30.212	ng/ul	99
29) 2,4-Dichlorophenol	9.95	162	332462	28.266	ng/ul	98
30) Naphthalene	10.33	128	1252711	29.390	ng/ul	100
32) 4-Chloroaniline	10.47	127	47546	2.532	ng/ul	97
33) Hexachlorobutadiene	10.61	225	231583	29.366	ng/ul	98
34) Caprolactam	11.30	113	7621m	1.826	ng/ul	
35) 4-Chloro-3-methylphenol	11.59	107	363719	27.944	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	11.96	142	920348	29.766 ng/ul	99
37) 1-Methylnaphthalene	12.17	142	886114	28.918 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	468441	32.236 ng/ul	100
40) Hexachlorocyclopentadiene	12.30	237	222749	29.509 ng/ul	100
41) 2,4,6-Trichlorophenol	12.59	196	317324	35.809 ng/ul	98
42) 2,4,5-Trichlorophenol	12.66	196	342076	36.474 ng/ul	99
43) 1,1'-Biphenyl	12.99	154	1190617	32.569 ng/ul	98
44) 2-Chloronaphthalene	13.03	162	918319	32.733 ng/ul	99
45) 2-Nitroaniline	13.25	65	296506	41.816 ng/ul	95
47) Dimethylphthalate	13.63	163	1330871	36.463 ng/ul	99
48) 2,6-Dinitrotoluene	13.76	165	267926	40.892 ng/ul	96
50) Acenaphthylene	13.88	152	1499059	33.555 ng/ul	98
51) 3-Nitroaniline	14.09	138	145140	19.719 ng/ul	96
52) Acenaphthene	14.23	153	1057352	33.489 ng/ul	99
53) 2,4-Dinitrophenol	14.31	184	125156	28.075 ng/ul	97
55) 4-Nitrophenol	14.42	109	24459	5.358 ng/ul	98
56) Dibenzofuran	14.56	168	1474946	34.107 ng/ul	98
57) 2,4-Dinitrotoluene	14.55	165	365718	37.720 ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.80	232	314524	35.219 ng/ul	98
59) Diethylphthalate	15.00	149	1324292	34.788 ng/ul	99
61) Fluorene	15.22	166	1287741	34.833 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	636526	35.040 ng/ul	99
63) 4-Nitroaniline	15.26	138	196629m	26.950 ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	213000	39.862 ng/ul#	96
67) N-Nitrosodiphenylamine	15.43	169	1079942	39.772 ng/ul	99
68) 4-Bromophenyl-phenylether	16.11	248	372544	40.041 ng/ul	98
69) Hexachlorobenzene	16.22	284	424636	38.433 ng/ul	98
70) Atrazine	16.40	200	355168	35.453 ng/ul	99
71) Pentachlorophenol	16.57	266	222483	35.143 ng/ul	98
72) Phenanthrene	16.95	178	1844522	37.424 ng/ul	99
74) Anthracene	17.04	178	1896006	37.628 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	456683	34.540 ng/uL	98
76) Pentachlorobenzene	14.49	250	483158	38.318 ng/uL	100
77) Carbazole	17.32	167	1612753	34.932 ng/ul	99
78) Di-n-butylphthalate	17.89	149	2119901	38.686 ng/ul	99
80) Fluoranthene	18.97	202	1959973	42.827 ng/ul	98
82) Pyrene	19.34	202	2033025	42.213 ng/ul	98
83) Butylbenzylphthalate	20.25	149	864174	50.490 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.03	252	621765	37.284 ng/ul	99
85) Benzo(a)anthracene	21.09	228	1853768	38.761 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	1380919	46.793 ng/ul	100
87) Chrysene	21.14	228	1819438	38.197 ng/ul	100
89) Di-n-octyl phthalate	21.88	149	2259609	41.339 ng/ul	100
90) Benzo(b)fluoranthene	22.60	252	1852703	39.986 ng/ul	99
91) Benzo(k)fluoranthene	22.65	252	1835158	37.674 ng/ul	99
93) Benzo(a)pyrene	23.15	252	1646392	39.125 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.37	276	2152681	42.266 ng/ul	100
95) Dibenzo(a,h)anthracene	25.38	278	1807576	41.868 ng/ul	99
96) Benzo(g,h,i)perylene	26.02	276	1734443	42.031 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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