Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030816.D
Acq On : 06 Jul 2021 11:29
Operator : CG/JU
Sample : SSTD01003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD010103

Manual Integrations APPROVED
mohammad
7/7/2021 6:10:48 PM

Quant Time: Jul 06 13:29:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 13:25:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	73316	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	305026	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	192696	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	377659	20.00	ng/ul	0.00
79) Chrysene-d12	21.304	240	327356	20.00	ng/ul	0.00
88) Perylene-d12	23.551	264	312323	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	8223	4.55	ng/uL	0.00
4) Pyridine-d5	3.681	84	37161	7.65	ng/ul	0.00
7) Phenol-d5	6.934	99	58644	9.27	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	40480	10.19	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	49212	10.08	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	47644	9.68	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	22536	9.90	ng/ul	0.00
24) 2-Nitrophenol-d4	9.640	143	23569	9.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	46780	9.65	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	63433	9.39	ng/ul	0.00
46) Dimethylphthalate-d6	13.804	166	137527	10.34	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	169629	9.82	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	18726	7.43	ng/ul	0.00
60) Fluorene-d10	15.386	176	121709	10.31	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	18488	7.48	ng/ul	0.00
73) Anthracene-d10	17.233	188	174637	9.91	ng/ul	0.00
81) Pyrene-d10	19.521	212	181978	10.61	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.404	264	160940	9.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	8119	4.22	ng/uL	97
5) Pyridine	3.699	79	47790	9.14	ng/ul	94
6) Benzaldehyde	6.916	77	28925m	9.41	ng/ul	
8) Phenol	6.963	94	61561	9.63	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.199	93	50156	9.95	ng/ul	98
12) 2-Chlorophenol	7.334	128	49222	10.01	ng/ul	97
13) 2-Methylphenol	8.205	108	43343	9.36	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	84250	10.55	ng/ul	99
16) Acetophenone	8.587	105	75488	9.93	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.569	70	39476	10.50	ng/ul	99
18) 4-Methylphenol	8.528	108	48754	9.66	ng/ul	94
19) Hexachloroethane	8.834	117	20710	10.05	ng/ul	98
22) Nitrobenzene	8.963	77	59274	10.32	ng/ul	99
23) Isophorone	9.487	82	99671	10.02	ng/ul	98
25) 2-Nitrophenol	9.669	139	26265	9.78	ng/ul	97
26) 2,4-Dimethylphenol	9.728	107	55439	10.21	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.969	93	65309	10.10	ng/ul	97
29) 2,4-Dichlorophenol	10.199	162	45798	9.87	ng/ul	99
30) Naphthalene	10.599	128	157178	10.18	ng/ul	99
32) 4-Chloroaniline	10.716	127	63615	9.48	ng/ul	99
33) Hexachlorobutadiene	10.881	225	31928	10.17	ng/ul	97
34) Caprolactam	11.504	113	11169m	8.29	ng/ul	
35) 4-Chloro-3-methylphenol	11.840	107	46251	10.15	ng/ul	97
36) 2-Methylnaphthalene	12.210	142	111033	10.30	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.434	142	113545	10.41	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.587	216	58749	9.77	ng/ul	98
40) Hexachlorocyclopentadiene	12.557	237	27318	6.96	ng/ul	99
41) 2,4,6-Trichlorophenol	12.828	196	35776	9.45	ng/ul	98
42) 2,4,5-Trichlorophenol	12.898	196	38018	9.41	ng/ul	97
43) 1,1'-Biphenyl	13.228	154	144819	10.18	ng/ul	100
44) 2-Chloronaphthalene	13.269	162	112796	10.09	ng/ul	98
45) 2-Nitroaniline	13.481	65	28895	9.62	ng/ul	97
47) Dimethylphthalate	13.851	163	135470	10.39	ng/ul	99
48) 2,6-Dinitrotoluene	13.975	165	23877	9.51	ng/ul	96
50) Acenaphthylene	14.116	152	163515	10.21	ng/ul	99
51) 3-Nitroaniline	14.310	138	20918	7.82	ng/ul	99
52) Acenaphthene	14.457	153	119217	10.25	ng/ul	98
53) 2,4-Dinitrophenol	14.522	184	9145	5.54	ng/ul	98
55) 4-Nitrophenol	14.616	109	16529	8.20	ng/ul	96
56) Dibenzofuran	14.792	168	168869	10.42	ng/ul	99
57) 2,4-Dinitrotoluene	14.769	165	34550	9.82	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.022	232	31850	9.74	ng/ul	97
59) Diethylphthalate	15.216	149	132347	10.57	ng/ul	99
61) Fluorene	15.439	166	135668	10.16	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.439	204	69301	10.42	ng/ul	99
63) 4-Nitroaniline	15.469	138	20484	8.04	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.533	198	17747	7.38	ng/ul#	99
67) N-Nitrosodiphenylamine	15.651	169	113015	10.04	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	39181	10.17	ng/ul	99
69) Hexachlorobenzene	16.445	284	45215	10.14	ng/ul	97
70) Atrazine	16.598	200	37339	9.35	ng/ul	98
71) Pentachlorophenol	16.792	266	21364	7.65	ng/ul	95
72) Phenanthrene	17.175	178	206970	10.21	ng/ul	99
74) Anthracene	17.269	178	212341	10.24	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	58565	9.72	ng/uL	99
76) Pentachlorobenzene	14.716	250	57502	10.02	ng/uL	99
77) Carbazole	17.539	167	171752	9.24	ng/ul	99
78) Di-n-butylphthalate	18.098	149	203819	10.76	ng/ul	100
80) Fluoranthene	19.186	202	226237	10.80	ng/ul	99
82) Pyrene	19.551	202	232823	10.58	ng/ul	99
83) Butylbenzylphthalate	20.445	149	74101	10.23	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.227	252	56133	8.70	ng/ul	98
85) Benzo(a)anthracene	21.292	228	209008	10.29	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	109759	10.53	ng/ul	98
87) Chrysene	21.339	228	205781	10.39	ng/ul	98
89) Di-n-octyl phthalate	22.092	149	169671	9.44	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	208232	10.50	ng/ul	99
91) Benzo(k)fluoranthene	22.915	252	193619	10.16	ng/ul	100
93) Benzo(a)pyrene	23.451	252	179870	10.09	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.827	276	217064	9.67	ng/ul	98
95) Dibenzo(a,h)anthracene	25.839	278	181351	9.75	ng/ul	99
96) Benzo(g,h,i)perylene	26.521	276	182300	9.73	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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