Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030708.D
Acq On : 30 Jun 2021 16:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020009

Manual Integrations APPROVED
mohammad
7/1/2021 8:07:21 AM

Quant Time: Jun 30 17:28:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 30 12:31:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	92336	20.00	ng/ul	0.00
20) Naphthalene-d8	10.563	136	387936	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	256152	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	541590	20.00	ng/ul	0.00
79) Chrysene-d12	21.321	240	572036	20.00	ng/ul	0.00
88) Perylene-d12	23.574	264	523742	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	17352	7.62	ng/uL	0.00
4) Pyridine-d5	3.681	84	107611	17.59	ng/ul	0.00
7) Phenol-d5	6.945	99	147027	18.46	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	94984	18.98	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	121333	19.74	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	119143	19.22	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	57292	19.79	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	63078	19.61	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.186	165	122657	19.90	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	164898	19.19	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	356890	20.18	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	447257	19.48	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	64129	19.14	ng/ul	0.00
60) Fluorene-d10	15.398	176	316240	20.16	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	56196	15.86	ng/ul	0.00
73) Anthracene-d10	17.245	188	497523	19.68	ng/ul	0.00
81) Pyrene-d10	19.533	212	558854	18.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	533112	19.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	19634	8.11	ng/uL	97
5) Pyridine	3.699	79	122418	18.58	ng/ul	96
6) Benzaldehyde	6.928	77	93491m	24.15	ng/ul	
8) Phenol	6.975	94	152045	18.88	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.210	93	118457	18.67	ng/ul	98
12) 2-Chlorophenol	7.345	128	121218	19.57	ng/ul	98
13) 2-Methylphenol	8.216	108	111781	19.16	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.310	45	198425	19.72	ng/ul	99
16) Acetophenone	8.598	105	187880	19.63	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.587	70	97032	20.50	ng/ul	98
18) 4-Methylphenol	8.545	108	122015	19.20	ng/ul	95
19) Hexachloroethane	8.851	117	50993	19.65	ng/ul	98
22) Nitrobenzene	8.975	77	146148	20.01	ng/ul	99
23) Isophorone	9.498	82	260474	20.60	ng/ul	100
25) 2-Nitrophenol	9.686	139	66090	19.35	ng/ul	96
26) 2,4-Dimethylphenol	9.745	107	136827	19.82	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.981	93	160678	19.53	ng/ul	98
29) 2,4-Dichlorophenol	10.216	162	118435	20.06	ng/ul	98
30) Naphthalene	10.616	128	382658	19.48	ng/ul	99
32) 4-Chloroaniline	10.728	127	163898	19.21	ng/ul	98
33) Hexachlorobutadiene	10.898	225	79342	19.87	ng/ul	100
34) Caprolactam	11.510	113	36018	21.02	ng/ul	94
35) 4-Chloro-3-methylphenol	11.845	107	120918	20.86	ng/ul	98
36) 2-Methylnaphthalene	12.227	142	273773	19.97	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.445	142	277138	19.98	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.598	216	150181	18.79	ng/ul	99
40) Hexachlorocyclopentadiene	12.575	237	99373	19.06	ng/ul	99
41) 2,4,6-Trichlorophenol	12.839	196	97339	19.34	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	105409	19.62	ng/ul	99
43) 1,1'-Biphenyl	13.239	154	356838	18.88	ng/ul	99
44) 2-Chloronaphthalene	13.280	162	283569	19.08	ng/ul	98
45) 2-Nitroaniline	13.492	65	84285	21.10	ng/ul	99
47) Dimethylphthalate	13.869	163	352196	20.32	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	70382	21.08	ng/ul	98
50) Acenaphthylene	14.127	152	417259	19.59	ng/ul	99
51) 3-Nitroaniline	14.316	138	73597	20.69	ng/ul	98
52) Acenaphthene	14.474	153	300609	19.45	ng/ul	98
53) 2,4-Dinitrophenol	14.527	184	39701	18.09	ng/ul	98
55) 4-Nitrophenol	14.621	109	54849	20.46	ng/ul	98
56) Dibenzofuran	14.810	168	427343	19.83	ng/ul	99
57) 2,4-Dinitrotoluene	14.774	165	103853	22.21	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.033	232	89371	20.55	ng/ul	99
59) Diethylphthalate	15.227	149	355745	21.37	ng/ul	100
61) Fluorene	15.457	166	354398	19.96	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	180201	20.38	ng/ul	97
63) 4-Nitroaniline	15.480	138	77555	22.90	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.539	198	55618	16.13	ng/ul	98
67) N-Nitrosodiphenylamine	15.663	169	303659	18.81	ng/ul	100
68) 4-Bromophenyl-phenylether	16.339	248	106050	19.19	ng/ul	98
69) Hexachlorobenzene	16.457	284	124573	19.49	ng/ul	99
70) Atrazine	16.615	200	111464	19.47	ng/ul	98
71) Pentachlorophenol	16.804	266	72324	18.06	ng/ul	99
72) Phenanthrene	17.192	178	560538	19.27	ng/ul	100
74) Anthracene	17.280	178	578049	19.44	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	150288	17.40	ng/uL	99
76) Pentachlorobenzene	14.727	250	149343	18.15	ng/uL	98
77) Carbazole	17.551	167	513004	19.24	ng/ul	99
78) Di-n-butylphthalate	18.109	149	599353	22.06	ng/ul	100
80) Fluoranthene	19.203	202	677825	18.52	ng/ul	98
82) Pyrene	19.562	202	711477	18.50	ng/ul	100
83) Butylbenzylphthalate	20.456	149	274709	21.70	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	222078	19.69	ng/ul	98
85) Benzo(a)anthracene	21.303	228	702454	19.79	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	414369	22.75	ng/ul	99
87) Chrysene	21.356	228	681773	19.70	ng/ul	99
89) Di-n-octyl phthalate	22.115	149	710011	23.57	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	670067	20.15	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	669599	20.95	ng/ul	100
93) Benzo(a)pyrene	23.480	252	584627	19.55	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.856	276	642114	17.06	ng/ul	99
95) Dibenzo(a,h)anthracene	25.868	278	539096	17.28	ng/ul	98
96) Benzo(g,h,i)perylene	26.556	276	518447	16.51	ng/ul	98

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

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