Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029910.D
Acq On : 10 May 2021 18:22
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020030

Manual Integrations APPROVED
mohammad
5/11/2021 2:32:40 PM

Quant Time: May 10 18:54:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 10 10:07:43 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	133401	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	624174	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	418622	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	852696	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	896904	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	778127	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	25471	7.62	ng/uL	0.00
4) Pyridine-d5	3.48	84	141145	16.88	ng/ul	0.00
7) Phenol-d5	6.74	99	221110	17.82	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	141598	18.41	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	182499	19.06	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	188011	18.32	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	85745	19.93	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	96650	19.91	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	191677	19.69	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	260166	17.56	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	601846	18.55	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	776616	18.89	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	86041	16.28	ng/ul	0.00
60) Fluorene-d10	15.20	176	515674	18.72	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	92760	16.75	ng/ul	0.00
73) Anthracene-d10	17.04	188	808641	18.83	ng/ul	0.00
81) Pyrene-d10	19.34	212	913906	19.86	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.15	264	842650	19.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	27373	7.572	ng/uL	98
5) Pyridine	3.50	79	147859	17.236	ng/ul	98
6) Benzaldehyde	6.71	77	133570m	20.858	ng/ul	
8) Phenol	6.76	94	229593	18.127	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.99	93	183341	18.307	ng/ul	99
12) 2-Chlorophenol	7.12	128	182428	18.682	ng/ul	98
13) 2-Methylphenol	8.00	108	171925	17.916	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.09	45	308031	20.419	ng/ul	97
16) Acetophenone	8.38	105	303462	18.431	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.36	70	173379	20.582	ng/ul	97
18) 4-Methylphenol	8.33	108	192490	18.094	ng/ul	98
19) Hexachloroethane	8.62	117	79054	19.162	ng/ul	98
22) Nitrobenzene	8.75	77	230469	20.563	ng/ul	97
23) Isophorone	9.27	82	458487	19.340	ng/ul	99
25) 2-Nitrophenol	9.46	139	107026	20.306	ng/ul	96
26) 2,4-Dimethylphenol	9.52	107	220552	18.544	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.76	93	265774	19.141	ng/ul	99
29) 2,4-Dichlorophenol	9.99	162	177682	18.585	ng/ul	98
30) Naphthalene	10.37	128	653254	18.855	ng/ul	99
32) 4-Chloroaniline	10.50	127	267549	17.530	ng/ul	97
33) Hexachlorobutadiene	10.66	225	116820	18.225	ng/ul	98
34) Caprolactam	11.29	113	60522m	17.838	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.63	107	206797	19.546	ng/ul	98
36) 2-Methylnaphthalene	12.00	142	475900	18.936	ng/ul	97
37) 1-Methylnaphthalene	12.22	142	471645	18.937	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	237943	18.394	ng/ul	98
40) Hexachlorocyclopentadiene	12.35	237	117472	17.482	ng/ul	99
41) 2,4,6-Trichlorophenol	12.63	196	149196	18.913	ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	156268	18.718	ng/ul	97
43) 1,1'-Biphenyl	13.03	154	608717	18.706	ng/ul	99
44) 2-Chloronaphthalene	13.07	162	472802	18.932	ng/ul	99
45) 2-Nitroaniline	13.29	65	140961	22.332	ng/ul	91
47) Dimethylphthalate	13.67	163	602005	18.528	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	114909	19.701	ng/ul	96
50) Acenaphthylene	13.92	152	751230	18.890	ng/ul	99
51) 3-Nitroaniline	14.12	138	116984	17.854	ng/ul	98
52) Acenaphthene	14.26	153	524462	18.660	ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	74603	18.799	ng/ul	91
55) 4-Nitrophenol	14.44	109	85362	21.007	ng/ul	95
56) Dibenzofuran	14.60	168	722900	18.779	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	172973	20.041	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.84	232	149843	18.848	ng/ul	97
59) Diethylphthalate	15.04	149	628044	18.533	ng/ul	100
61) Fluorene	15.26	166	609522	18.521	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.25	204	295954	18.301	ng/ul	98
63) 4-Nitroaniline	15.29	138	124532m	19.174	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.35	198	92354	16.943	ng/ul	98
67) N-Nitrosodiphenylamine	15.47	169	530830	19.164	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	175913	18.534	ng/ul	96
69) Hexachlorobenzene	16.26	284	207627	18.421	ng/ul	97
70) Atrazine	16.43	200	181916	17.800	ng/ul	99
71) Pentachlorophenol	16.60	266	125222	19.389	ng/ul	98
72) Phenanthrene	16.99	178	956701	19.028	ng/ul	100
74) Anthracene	17.08	178	988836	19.237	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	255322	18.929	ng/uL	98
76) Pentachlorobenzene	14.52	250	241550	18.779	ng/uL	99
77) Carbazole	17.36	167	864670	18.359	ng/ul	100
78) Di-n-butylphthalate	17.92	149	1068306	19.111	ng/ul	100
80) Fluoranthene	19.01	202	1110224	19.827	ng/ul	99
82) Pyrene	19.37	202	1171546	19.880	ng/ul	98
83) Butylbenzylphthalate	20.29	149	462670	22.093	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.06	252	370930	18.178	ng/ul	99
85) Benzo(a)anthracene	21.12	228	1129485	19.302	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	750041	20.771	ng/ul	100
87) Chrysene	21.17	228	1117323	19.171	ng/ul	99
89) Di-n-octyl phthalate	21.91	149	1258149	21.129	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1042822	20.661	ng/ul	100
91) Benzo(k)fluoranthene	22.69	252	1032819	19.464	ng/ul	99
93) Benzo(a)pyrene	23.20	252	878794	19.171	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.44	276	970157	17.486	ng/ul	99
95) Dibenzo(a,h)anthracene	25.44	278	810095	17.225	ng/ul	99
96) Benzo(g,h,i)perylene	26.09	276	777044	17.286	ng/ul	98

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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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