Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029424.D
Acq On : 09 Apr 2021 10:05
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Quant Time: Apr 09 11:03:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 09 11:03:41 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	84644	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	343880	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	199365	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	372470	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	355322	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	374707	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	18985	8.56	ng/uL	0.00
5) Phenol-d5	6.86	99	148453	20.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	96013	21.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	117025	21.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	113487	20.76	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	50225	21.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	53128	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	106529	20.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	139709	22.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	288542	20.21	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	375345	20.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	49440	18.88	ng/ul	0.00
58) Fluorene-d10	15.32	176	238129	19.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	38922	18.38	ng/ul	0.00
71) Anthracene-d10	17.16	188	350212	20.69	ng/ul	0.00
79) Pyrene-d10	19.45	212	362644	21.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	398728	20.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	20076	8.628	ng/uL	98
4) Benzaldehyde	6.83	77	98618	25.118	ng/ul	97
6) Phenol	6.89	94	156806	20.726	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	119613	20.858	ng/ul	96
10) 2-Chlorophenol	7.25	128	123360	21.461	ng/ul	98
11) 2-Methylphenol	8.13	108	111013	20.676	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.21	45	184999	21.937	ng/ul	99
14) Acetophenone	8.50	105	184437	20.641	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.49	70	102253	21.458	ng/ul	96
16) 4-Methylphenol	8.45	108	121775	20.801	ng/ul	98
17) Hexachloroethane	8.76	117	54055	21.622	ng/ul	96
20) Nitrobenzene	8.88	77	157648	21.800	ng/ul	99
21) Isophorone	9.40	82	255837	21.469	ng/ul	99
23) 2-Nitrophenol	9.59	139	60885	21.308	ng/ul	98
24) 2,4-Dimethylphenol	9.65	107	138724	21.097	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	152741	20.841	ng/ul	100
27) 2,4-Dichlorophenol	10.12	162	107436	21.023	ng/ul	100
28) Naphthalene	10.52	128	372304	20.767	ng/ul	98
30) 4-Chloroaniline	10.63	127	144597	22.405	ng/ul	100
31) Hexachlorobutadiene	10.80	225	63272	20.008	ng/ul	99
32) Caprolactam	11.40	113	28466	18.857	ng/ul	89
33) 4-Chloro-3-methylphenol	11.75	107	117113	21.742	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	256387	20.731	ng/ul	98

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35) 1-Methylnaphthalene	12.35	142	248715	20.661 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.50	216	111903	19.583 ng/ul	97
38) Hexachlorocyclopentadiene	12.49	237	68879	18.704 ng/ul	98
39) 2,4,6-Trichlorophenol	12.75	196	75229	20.956 ng/ul	96
40) 2,4,5-Trichlorophenol	12.82	196	80317	20.646 ng/ul	99
41) 1,1'-Biphenyl	13.15	154	319692	20.369 ng/ul	99
42) 2-Chloronaphthalene	13.19	162	246258	20.451 ng/ul	99
43) 2-Nitroaniline	13.40	65	80232	21.649 ng/ul	98
45) Dimethylphthalate	13.78	163	300738	20.487 ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	57156	21.138 ng/ul	96
48) Acenaphthylene	14.04	152	364324	20.677 ng/ul	99
49) 3-Nitroaniline	14.23	138	59505	21.377 ng/ul	94
50) Acenaphthene	14.39	153	264896	20.182 ng/ul	95
51) 2,4-Dinitrophenol	14.43	184	27897	17.193 ng/ul	91
53) 4-Nitrophenol	14.53	109	54274	20.637 ng/ul	92
54) Dibenzofuran	14.72	168	358528	19.993 ng/ul	100
55) 2,4-Dinitrotoluene	14.69	165	84147	21.170 ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	14.95	232	63854	20.967 ng/ul	98
57) Diethylphthalate	15.15	149	319158	21.193 ng/ul	98
59) Fluorene	15.37	166	303663	20.134 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.37	204	137615	19.467 ng/ul	96
61) 4-Nitroaniline	15.39	138	65746	20.750 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.45	198	42808	19.416 ng/ul	95
65) N-Nitrosodiphenylamine	15.58	169	254925	21.567 ng/ul	99
66) 4-Bromophenyl-phenylether	16.26	248	75337	21.177 ng/ul	94
67) Hexachlorobenzene	16.37	284	85772	21.298 ng/ul	95
68) Atrazine	16.53	200	86909	20.501 ng/ul	98
69) Pentachlorophenol	16.72	266	49882	21.150 ng/ul	99
70) Phenanthrene	17.10	178	457414	21.331 ng/ul	100
72) Anthracene	17.19	178	473282	21.506 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	110915	20.812 ng/uL	98
74) Pentachlorobenzene	14.64	250	102442	20.809 ng/uL	97
75) Carbazole	17.46	167	425776	21.366 ng/ul	100
76) Di-n-butylphthalate	18.03	149	525685	22.896 ng/ul	99
77) Fluoranthene	19.12	202	494048	20.354 ng/ul	99
80) Pyrene	19.48	202	516628	21.955 ng/ul	97
81) Butylbenzylphthalate	20.39	149	237775	25.016 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.16	252	166626	21.830 ng/ul	98
83) Benzo(a)anthracene	21.23	228	482346	21.529 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	386159	24.907 ng/ul	100
85) Chrysene	21.27	228	473478	21.614 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	643771	21.778 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	510477	21.163 ng/ul	97
89) Benzo(k)fluoranthene	22.83	252	486496	20.540 ng/ul	99
91) Benzo(a)pyrene	23.35	252	456279	21.322 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	596234	21.289 ng/ul	97
93) Dibenzo(a,h)anthracene	25.68	278	499230	21.214 ng/ul	98
94) Benzo(g,h,i)perylene	26.34	276	485582	21.347 ng/ul	98

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

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