Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
Data File : BM027053.D
Acq On : 12 Aug 2020 17:57
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

Quant Time: Aug 12 18:30:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 12 11:04:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	90733	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	324729	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	214865	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	477255	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	529665	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	543558	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	17914	8.97	ng/uL	0.00
5) Phenol-d5	6.82	99	135990	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	92898	19.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	109478	19.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	105423	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	48015	18.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	48580	18.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	116843	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	133958	20.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	335579	19.59	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	405213	19.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	52692	18.22	ng/ul	0.00
58) Fluorene-d10	15.27	176	302194	20.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	45326	17.39	ng/ul	0.00
71) Anthracene-d10	17.12	188	470275	20.00	ng/ul	0.00
79) Pyrene-d10	19.42	212	532271	20.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	605987	19.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	19947	7.859	ng/uL	99
4) Benzaldehyde	6.79	77	103102	15.033	ng/ul	97
6) Phenol	6.85	94	147922	19.885	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	120684	19.656	ng/ul	96
10) 2-Chlorophenol	7.21	128	116744	20.074	ng/ul	96
11) 2-Methylphenol	8.08	108	105757	19.572	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	89144	19.058	ng/ul	94
14) Acetophenone	8.45	105	185151	20.029	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	106302	19.822	ng/ul	99
16) 4-Methylphenol	8.41	108	112967	19.454	ng/ul	100
17) Hexachloroethane	8.72	117	57936	19.916	ng/ul	100
20) Nitrobenzene	8.82	77	163919	19.507	ng/ul	98
21) Isophorone	9.36	82	259095	19.432	ng/ul	99
23) 2-Nitrophenol	9.53	139	57858	19.555	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	138911	20.583	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	150147	19.876	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	118841	21.084	ng/ul	99
28) Naphthalene	10.46	128	354066	19.617	ng/ul	98
30) 4-Chloroaniline	10.57	127	141339	21.532	ng/ul	98
31) Hexachlorobutadiene	10.76	225	95836	20.167	ng/ul	99
32) Caprolactam	11.33	113	29309	18.706	ng/ul	94
33) 4-Chloro-3-methylphenol	11.70	107	117457	19.720	ng/ul	98
34) 2-Methylnaphthalene	12.08	142	259911	19.635	ng/ul	100

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35) 1-Methylnaphthalene	12.30	142	244091	18.731 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	163095	20.513 ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	105679	20.158 ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	95405	20.415 ng/ul	97
40) 2,4,5-Trichlorophenol	12.77	196	103891	20.888 ng/ul	94
41) 1,1'-Biphenyl	13.10	154	350764	19.976 ng/ul	98
42) 2-Chloronaphthalene	13.15	162	285271	20.039 ng/ul	99
43) 2-Nitroaniline	13.35	65	82753	20.067 ng/ul	94
45) Dimethylphthalate	13.74	163	352090	19.609 ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	65358	19.117 ng/ul	96
48) Acenaphthylene	13.99	152	419369	20.204 ng/ul	99
49) 3-Nitroaniline	14.17	138	61921	20.380 ng/ul	99
50) Acenaphthene	14.34	153	290517	19.748 ng/ul	98
51) 2,4-Dinitrophenol	14.38	184	29825	16.786 ng/ul	98
53) 4-Nitrophenol	14.49	109	63181	20.515 ng/ul	96
54) Dibenzofuran	14.67	168	432763	20.556 ng/ul	96
55) 2,4-Dinitrotoluene	14.64	165	97984	19.735 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.90	232	91025	20.306 ng/ul	97
57) Diethylphthalate	15.12	149	358570	19.908 ng/ul	99
59) Fluorene	15.33	166	359123	20.384 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.33	204	193040	20.106 ng/ul	97
61) 4-Nitroaniline	15.33	138	69539	20.038 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.40	198	49757	17.248 ng/ul	97
65) N-Nitrosodiphenylamine	15.54	169	305405	21.359 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	120142	20.126 ng/ul	99
67) Hexachlorobenzene	16.33	284	142150	20.305 ng/ul	97
68) Atrazine	16.50	200	110749	19.103 ng/ul	99
69) Pentachlorophenol	16.67	266	75009	19.335 ng/ul	96
70) Phenanthrene	17.06	178	567838	19.846 ng/ul	98
72) Anthracene	17.15	178	584739	20.085 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	160245	21.468 ng/uL	98
74) Pentachlorobenzene	14.60	250	158687	20.381 ng/uL	98
75) Carbazole	17.42	167	504862	20.544 ng/ul	99
76) Di-n-butylphthalate	18.00	149	598409	19.873 ng/ul	100
77) Fluoranthene	19.08	202	681329	19.638 ng/ul	98
80) Pyrene	19.44	202	703981	19.581 ng/ul	100
81) Butylbenzylphthalate	20.36	149	258847	19.588 ng/ul	92
82) 3,3'-Dichlorobenzidine	21.13	252	235927	19.739 ng/ul	100
83) Benzo(a)anthracene	21.20	228	718981	20.164 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	401053	20.089 ng/ul	99
85) Chrysene	21.25	228	701511	20.043 ng/ul	99
87) Di-n-octyl phthalate	22.02	149	664214	18.264 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	768218	20.353 ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	727870	19.458 ng/ul	99
91) Benzo(a)pyrene	23.31	252	664111	19.333 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.61	276	869083	19.636 ng/ul	99
93) Dibenzo(a,h)anthracene	25.62	278	730766	19.492 ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	711381	19.459 ng/ul	99

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

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