Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027081.D
Acq On : 14 Aug 2020 09:37
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02021

Quant Time: Aug 14 10:10:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	126498	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	465034	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	293120	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	638864	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	678862	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	667203	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	24621	8.85	ng/uL	0.00
5) Phenol-d5	6.82	99	201938	20.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	137065	20.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	160153	20.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	157642	20.56	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	75890	20.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	81632	21.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	169781	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	190055	20.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	463442	19.83	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	570135	20.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	81467	20.65	ng/ul	0.00
58) Fluorene-d10	15.27	176	408534	20.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	62350	17.87	ng/ul	0.00
71) Anthracene-d10	17.12	188	623558	19.81	ng/ul	0.00
79) Pyrene-d10	19.42	212	708807	20.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	764565	20.53	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	27447	7.756	ng/uL	92
4) Benzaldehyde	6.79	77	151756	15.871	ng/ul	99
6) Phenol	6.85	94	216674	20.892	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.07	93	173814	20.305	ng/ul	99
10) 2-Chlorophenol	7.21	128	171356	21.134	ng/ul	99
11) 2-Methylphenol	8.08	108	157555	20.914	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.17	45	138206	21.193	ng/ul	99
14) Acetophenone	8.45	105	263170	20.420	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	156367	20.914	ng/ul	98
16) 4-Methylphenol	8.40	108	168788	20.849	ng/ul	97
17) Hexachloroethane	8.71	117	74089	18.268	ng/ul	99
20) Nitrobenzene	8.82	77	235198	19.545	ng/ul	98
21) Isophorone	9.35	82	382531	20.034	ng/ul	100
23) 2-Nitrophenol	9.53	139	91285	21.544	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	199168	20.608	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	221002	20.429	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	170295	21.098	ng/ul	99
28) Naphthalene	10.46	128	516940	19.999	ng/ul	99
30) 4-Chloroaniline	10.57	127	199192	21.190	ng/ul	98
31) Hexachlorobutadiene	10.76	225	130544	19.183	ng/ul	97
32) Caprolactam	11.33	113	44281	19.735	ng/ul	94
33) 4-Chloro-3-methylphenol	11.70	107	169013	19.815	ng/ul	100
34) 2-Methylnaphthalene	12.08	142	378288	19.956	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	350120	18.761 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	227886	21.010 ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	103696	14.499 ng/ul	97
39) 2,4,6-Trichlorophenol	12.70	196	138686	21.753 ng/ul	94
40) 2,4,5-Trichlorophenol	12.77	196	151218	22.287 ng/ul	96
41) 1,1'-Biphenyl	13.10	154	498331	20.804 ng/ul	99
42) 2-Chloronaphthalene	13.14	162	402716	20.736 ng/ul	99
43) 2-Nitroaniline	13.34	65	121683	21.630 ng/ul	95
45) Dimethylphthalate	13.74	163	485235	19.809 ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	96807	20.756 ng/ul	97
48) Acenaphthylene	13.99	152	579039	20.448 ng/ul	99
49) 3-Nitroaniline	14.17	138	93959	22.669 ng/ul	94
50) Acenaphthene	14.34	153	404392	20.150 ng/ul	98
51) 2,4-Dinitrophenol	14.38	184	42501	17.534 ng/ul	96
53) 4-Nitrophenol	14.49	109	80129	19.071 ng/ul	91
54) Dibenzofuran	14.67	168	579603	20.181 ng/ul	97
55) 2,4-Dinitrotoluene	14.64	165	141303	20.862 ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	14.90	232	128412	20.999 ng/ul	98
57) Diethylphthalate	15.11	149	484941	19.737 ng/ul	99
59) Fluorene	15.33	166	482026	20.056 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	256606	19.591 ng/ul	97
61) 4-Nitroaniline	15.34	138	102105	21.567 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.40	198	66171	17.136 ng/ul	98
65) N-Nitrosodiphenylamine	15.54	169	407310	21.280 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	161039	20.153 ng/ul	98
67) Hexachlorobenzene	16.33	284	185208	19.763 ng/ul	99
68) Atrazine	16.49	200	148741	19.166 ng/ul	99
69) Pentachlorophenol	16.67	266	106584	20.524 ng/ul	98
70) Phenanthrene	17.06	178	752242	19.640 ng/ul	99
72) Anthracene	17.15	178	761134	19.531 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	224040	22.422 ng/uL	99
74) Pentachlorobenzene	14.60	250	214877	20.617 ng/uL	98
75) Carbazole	17.42	167	671399	20.410 ng/ul	99
76) Di-n-butylphthalate	18.00	149	787567	19.539 ng/ul	99
77) Fluoranthene	19.08	202	902812	19.439 ng/ul	99
80) Pyrene	19.44	202	936107	20.315 ng/ul	99
81) Butylbenzylphthalate	20.37	149	358388	21.160 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.14	252	312126	20.375 ng/ul	99
83) Benzo(a)anthracene	21.20	228	944112	20.658 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	508406	19.870 ng/ul	99
85) Chrysene	21.26	228	904469	20.162 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	870271	19.496 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	986799	21.299 ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	898373	19.565 ng/ul	99
91) Benzo(a)pyrene	23.32	252	829748	19.679 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.62	276	1071343	19.720 ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	905532	19.677 ng/ul	100
94) Benzo(g,h,i)perylene	26.29	276	871883	19.429 ng/ul	100

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

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