Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027210.D
Acq On : 25 Aug 2020 12:32
Operator : JU/CG
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01002

Quant Time: Aug 25 13:49:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 25 13:47:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	157266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	596590	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	415191	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	942013	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	911235	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	777575	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	10829	3.13	ng/uL	0.00
5) Phenol-d5	6.79	99	124007	10.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	83457	9.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	97432	10.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	100976	10.59	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	47922	10.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	53617	10.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	113754	11.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	124420	10.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	342351	10.34	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	400969	10.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	53966	9.66	ng/ul	0.00
58) Fluorene-d10	15.24	176	298533	10.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	52795	10.26	ng/ul	0.00
71) Anthracene-d10	17.09	188	459172	9.89	ng/ul	0.00
79) Pyrene-d10	19.39	212	509491	11.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	441171	10.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	13330	3.030	ng/uL	93
4) Benzaldehyde	6.75	77	97139	8.172	ng/ul	99
6) Phenol	6.81	94	129880	10.073	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.03	93	107140	10.067	ng/ul	97
10) 2-Chlorophenol	7.17	128	101515	10.071	ng/ul	97
11) 2-Methylphenol	8.05	108	97608	10.422	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	85940	10.600	ng/ul	97
14) Acetophenone	8.42	105	165720	10.343	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.40	70	99437	10.697	ng/ul	99
16) 4-Methylphenol	8.37	108	105235	10.456	ng/ul	96
17) Hexachloroethane	8.67	117	48200	9.560	ng/ul	97
20) Nitrobenzene	8.79	77	144977	9.391	ng/ul	97
21) Isophorone	9.32	82	263295	10.749	ng/ul	99
23) 2-Nitrophenol	9.50	139	58593	10.779	ng/ul	96
24) 2,4-Dimethylphenol	9.56	107	125240	10.101	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	151514	10.917	ng/ul	100
27) 2,4-Dichlorophenol	10.03	162	110879	10.708	ng/ul	99
28) Naphthalene	10.42	128	329767	9.945	ng/ul	99
30) 4-Chloroaniline	10.53	127	124809	10.349	ng/ul	97
31) Hexachlorobutadiene	10.72	225	83700	9.587	ng/ul	99
32) Caprolactam	11.30	113	33206	11.536	ng/ul	97
33) 4-Chloro-3-methylphenol	11.67	107	113967	10.415	ng/ul	94
34) 2-Methylnaphthalene	12.05	142	245605	10.099	ng/ul	98

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35) 1-Methylnaphthalene	12.26	142	240783	10.057 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	150652	9.806 ng/ul	99
38) Hexachlorocyclopentadiene	12.41	237	86798	8.568 ng/ul	100
39) 2,4,6-Trichlorophenol	12.67	196	95423	10.567 ng/ul	98
40) 2,4,5-Trichlorophenol	12.74	196	104002	10.821 ng/ul	98
41) 1,1'-Biphenyl	13.07	154	336773	9.926 ng/ul	100
42) 2-Chloronaphthalene	13.11	162	271169	9.857 ng/ul	98
43) 2-Nitroaniline	13.31	65	80728	10.131 ng/ul	96
45) Dimethylphthalate	13.70	163	359850	10.371 ng/ul	100
46) 2,6-Dinitrotoluene	13.82	165	71720	10.856 ng/ul	96
48) Acenaphthylene	13.96	152	403284	10.054 ng/ul	100
49) 3-Nitroaniline	14.14	138	59375	10.113 ng/ul	97
50) Acenaphthene	14.30	153	283235	9.963 ng/ul	99
51) 2,4-Dinitrophenol	14.36	184	31542	9.187 ng/ul	99
53) 4-Nitrophenol	14.46	109	52296	8.787 ng/ul	95
54) Dibenzofuran	14.64	168	411325	10.111 ng/ul	98
55) 2,4-Dinitrotoluene	14.61	165	103621	10.801 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.87	232	91647	10.580 ng/ul	99
57) Diethylphthalate	15.08	149	355766	10.222 ng/ul	98
59) Fluorene	15.29	166	340758	10.009 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.29	204	186152	10.034 ng/ul	99
61) 4-Nitroaniline	15.31	138	69264	10.329 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.38	198	59074	10.375 ng/ul	98
65) N-Nitrosodiphenylamine	15.51	169	290729	10.301 ng/ul	98
66) 4-Bromophenyl-phenylether	16.19	248	118082	10.022 ng/ul	97
67) Hexachlorobenzene	16.30	284	139168	10.071 ng/ul	97
68) Atrazine	16.47	200	116002	10.137 ng/ul	98
69) Pentachlorophenol	16.65	266	68480	8.943 ng/ul	96
70) Phenanthrene	17.03	178	555418	9.835 ng/ul	99
72) Anthracene	17.12	178	569556	9.912 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	145526	9.877 ng/uL	98
74) Pentachlorobenzene	14.57	250	152125	9.899 ng/uL	98
75) Carbazole	17.39	167	476496	9.824 ng/ul	99
76) Di-n-butylphthalate	17.97	149	597860	10.059 ng/ul	100
77) Fluoranthene	19.06	202	670891	9.797 ng/ul	99
80) Pyrene	19.42	202	687552	11.116 ng/ul	100
81) Butylbenzylphthalate	20.34	149	264723	11.644 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.11	252	217007	10.554 ng/ul	98
83) Benzo(a)anthracene	21.17	228	621782	10.136 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.13	149	380901	11.090 ng/ul	100
85) Chrysene	21.23	228	593077	9.849 ng/ul	100
87) Di-n-octyl phthalate	21.99	149	600605	11.545 ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	556556	10.308 ng/ul	100
89) Benzo(k)fluoranthene	22.77	252	546117	10.205 ng/ul	99
91) Benzo(a)pyrene	23.28	252	493360	10.040 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.56	276	546228	8.627 ng/ul	99
93) Dibenzo(a,h)anthracene	25.57	278	461517	8.605 ng/ul	99
94) Benzo(g,h,i)perylene	26.22	276	450457	8.613 ng/ul	99

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

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