Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN020320\
Data File : BN009530.D
Acq On : 03 Feb 2020 15:28
Operator : CG/JU
Sample : SSTD08051
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08051

Quant Time: Feb 03 16:06:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 14:52:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	149292	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	631157	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	403602	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.84	188	859364	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	744746	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	818901	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	113010	31.31	ng/uL	0.00
5) Phenol-d5	6.65	99	1054512	79.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	691512	73.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	800724	82.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	844179	80.11	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	395357	86.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	456101	94.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	829854	86.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	919921	79.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.51	166	2361142	79.05	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	2968499	83.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	468608	84.30	ng/ul	0.02
57) Fluorene-d10	15.09	176	2061193	78.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	452848	87.02	ng/ul	0.01
70) Anthracene-d10	16.94	188	3114139	78.33	ng/ul	0.00
78) Pyrene-d10	19.25	212	3244057	80.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	3273406	79.19	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	118497	29.493	ng/uL	97
4) Benzaldehyde	6.60	77	728073	104.776	ng/ul	98
6) Phenol	6.68	94	1123264	80.987	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.89	93	852427	76.632	ng/ul	98
10) 2-Chlorophenol	7.02	128	822487	81.790	ng/ul	98
11) 2-Methylphenol	7.89	108	835246	81.547	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.98	45	2019088	69.084	ng/ul	99
14) Acetophenone	8.26	105	1328937	78.062	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.27	70	736817	79.698	ng/ul	98
16) 4-Methylphenol	8.23	108	904639	80.650	ng/ul	97
17) Hexachloroethane	8.50	117	358932	77.049	ng/ul	98
20) Nitrobenzene	8.63	77	1102466	81.653	ng/ul	95
21) Isophorone	9.16	82	2024141	84.525	ng/ul	99
23) 2-Nitrophenol	9.33	139	490417	92.479	ng/ul	96
24) 2,4-Dimethylphenol	9.40	107	1006944	82.750	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.64	93	1188043	81.022	ng/ul	99
27) 2,4-Dichlorophenol	9.86	162	825068	88.251	ng/ul	99
28) Naphthalene	10.25	128	2686242	79.088	ng/ul	100
30) 4-Chloroaniline	10.37	127	939201	80.839	ng/ul	98
31) Hexachlorobutadiene	10.53	225	495316	77.197	ng/ul	99
32) Caprolactam	11.17	113	153948	48.065	ng/ul	93
33) 4-Chloro-3-methylphenol	11.51	107	963098	84.896	ng/ul	98
34) 2-Methylnaphthalene	11.87	142	1903790	81.419	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.25	216	948527	81.307 ng/ul	93
37) Hexachlorocyclopentadiene	12.23	237	574103	80.781 ng/ul	95
38) 2,4,6-Trichlorophenol	12.50	196	655041	90.840 ng/ul	99
39) 2,4,5-Trichlorophenol	12.57	196	690080	86.984 ng/ul	97
40) 1,1'-Biphenyl	12.91	154	2520408	82.470 ng/ul	97
41) 2-Chloronaphthalene	12.95	162	1990265	82.479 ng/ul	99
42) 2-Nitroaniline	13.16	65	791094	89.780 ng/ul	92
44) Dimethylphthalate	13.56	163	2495495	81.150 ng/ul	99
45) 2,6-Dinitrotoluene	13.68	165	538211	91.986 ng/ul	95
47) Acenaphthylene	13.80	152	3172654	82.920 ng/ul	99
48) 3-Nitroaniline	14.00	138	480600	87.983 ng/ul	97
49) Acenaphthene	14.15	153	2087930	79.988 ng/ul	99
50) 2,4-Dinitrophenol	14.22	184	342536	100.841 ng/ul	96
52) 4-Nitrophenol	14.34	109	410141	79.708 ng/ul	95
53) Dibenzofuran	14.49	168	2918437	80.471 ng/ul	98
54) 2,4-Dinitrotoluene	14.47	165	773819	88.667 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.72	232	609128	89.853 ng/ul	96
56) Diethylphthalate	14.94	149	2511345	79.854 ng/ul	99
58) Fluorene	15.15	166	2417529	79.553 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.15	204	1179058	78.708 ng/ul	95
60) 4-Nitroaniline	15.19	138	552550	89.584 ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.25	198	490620	88.574 ng/ul#	98
64) N-Nitrosodiphenylamine	15.36	169	2065103	81.159 ng/ul	99
65) 4-Bromophenyl-phenylether	16.04	248	705056	81.404 ng/ul	98
66) Hexachlorobenzene	16.15	284	758761	78.971 ng/ul	93
67) Atrazine	16.33	200	750101	80.572 ng/ul	99
68) Pentachlorophenol	16.50	266	475252	85.094 ng/ul	95
69) Phenanthrene	16.88	178	3839060	79.173 ng/ul	99
71) Anthracene	16.97	178	3954149	80.092 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.87	216	1036801	88.092 ng/uL	97
73) Pentachlorobenzene	14.41	250	968421	84.643 ng/uL	98
74) Carbazole	17.25	167	3412887	80.747 ng/ul	99
75) Di-n-butylphthalate	17.83	149	4428356	85.762 ng/ul	99
76) Fluoranthene	18.91	202	4407487	79.292 ng/ul	99
79) Pyrene	19.27	202	4454902	82.614 ng/ul	97
80) Butylbenzylphthalate	20.20	149	2004844	96.334 ng/ul	98
81) 3,3'-Dichlorobenzidine	20.97	252	1399335	89.142 ng/ul	98
82) Benzo(a)anthracene	21.03	228	4114805	81.134 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	20.99	149	2957151	93.676 ng/ul	98
84) Chrysene	21.09	228	4077978	82.543 ng/ul	100
86) Di-n-octyl phthalate	21.84	149	5004135	85.430 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	4092209	79.033 ng/ul	100
88) Benzo(k)fluoranthene	22.59	252	4112510	80.776 ng/ul	99
90) Benzo(a)pyrene	23.08	252	3835736	82.530 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.24	276	4572317	81.178 ng/ul	96
92) Dibenzo(a,h)anthracene	25.25	278	3865284	81.340 ng/ul	98
93) Benzo(g,h,i)perylene	25.87	276	3775432	80.585 ng/ul	95

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

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