Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030520\
Data File : BN010108.D
Acq On : 05 Mar 2020 17:11
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02083

Manual Integrations APPROVED
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3/6/2020 10:18:19 PM

Quant Time: Mar 06 03:58:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 14:04:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	91142	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	395658	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	268194	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	556230	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	509745	20.00	ng/ul	0.00
86) Perylene-d12	23.08	264	537614	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	16719	7.54	ng/uL	0.00
5) Phenol-d5	6.56	99	155575	20.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.71	67	105402	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	6.89	132	120098	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.07	113	121621	19.72	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	59337	20.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.21	143	66878	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.74	165	128584	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	152075	22.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	383038	19.12	ng/ul	0.00
47) Acenaphthylene-d8	13.68	160	443816	18.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	59370	16.23	ng/ul	0.00
58) Fluorene-d10	15.00	176	326442	18.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	60080	17.39	ng/ul	0.00
71) Anthracene-d10	16.86	188	500245	19.62	ng/ul	0.00
79) Pyrene-d10	19.17	212	532543	19.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.95	264	533332	19.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	17636	6.928	ng/uL	85
4) Benzaldehyde	6.52	77	66024	12.807	ng/ul	92
6) Phenol	6.59	94	168007	20.223	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.80	93	130538	19.992	ng/ul	99
10) 2-Chlorophenol	6.93	128	129618	21.084	ng/ul	98
11) 2-Methylphenol	7.80	108	122273	20.113	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.89	45	351145m	21.938	ng/ul	
14) Acetophenone	8.17	105	213986	21.295	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.16	70	116718	22.230	ng/ul	94
16) 4-Methylphenol	8.13	108	136994	20.537	ng/ul	98
17) Hexachloroethane	8.39	117	57237	20.465	ng/ul	92
20) Nitrobenzene	8.54	77	174066	20.408	ng/ul	95
21) Isophorone	9.06	82	306037	20.387	ng/ul	100
23) 2-Nitrophenol	9.24	139	74837	21.121	ng/ul	99
24) 2,4-Dimethylphenol	9.31	107	161078	20.937	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.55	93	180999	19.729	ng/ul	98
27) 2,4-Dichlorophenol	9.77	162	131141	21.352	ng/ul	100
28) Naphthalene	10.15	128	423703	19.859	ng/ul	99
30) 4-Chloroaniline	10.28	127	167515	23.917	ng/ul	96
31) Hexachlorobutadiene	10.43	225	82980	20.202	ng/ul	91
32) Caprolactam	11.07	113	37673m	18.290	ng/ul	
33) 4-Chloro-3-methylphenol	11.42	107	147178	20.956	ng/ul	99
34) 2-Methylnaphthalene	11.77	142	310702	20.972	ng/ul	94

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.99	142	299361	20.159	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	161701	20.341	ng/ul	97
38) Hexachlorocyclopentadiene	12.13	237	39865	11.591	ng/ul	98
39) 2,4,6-Trichlorophenol	12.42	196	100956	20.010	ng/ul	98
40) 2,4,5-Trichlorophenol	12.49	196	109113	20.159	ng/ul	96
41) 1,1'-Biphenyl	12.82	154	403918	19.609	ng/ul	98
42) 2-Chloronaphthalene	12.85	162	315362	19.278	ng/ul	98
43) 2-Nitroaniline	13.09	65	125146	20.919	ng/ul	99
45) Dimethylphthalate	13.47	163	390254	18.670	ng/ul	99
46) 2,6-Dinitrotoluene	13.60	165	78528	19.190	ng/ul	94
48) Acenaphthylene	13.71	152	483692	18.941	ng/ul	99
49) 3-Nitroaniline	13.93	138	72523	19.196	ng/ul	94
50) Acenaphthene	14.06	153	336212	19.206	ng/ul	97
51) 2,4-Dinitrophenol	14.17	184	35116	14.948	ng/ul	97
53) 4-Nitrophenol	14.27	109	59917	18.150	ng/ul	92
54) Dibenzofuran	14.40	168	479803	19.527	ng/ul	99
55) 2,4-Dinitrotoluene	14.41	165	119039	19.628	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.65	232	93950	20.188	ng/ul	94
57) Diethylphthalate	14.86	149	404335	18.838	ng/ul	100
59) Fluorene	15.06	166	391565	18.989	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.06	204	192635	18.942	ng/ul	98
61) 4-Nitroaniline	15.12	138	82236m	17.850	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	66436	17.848	ng/ul	93
65) N-Nitrosodiphenylamine	15.29	169	337860	20.472	ng/ul	96
66) 4-Bromophenyl-phenylether	15.96	248	113314	20.359	ng/ul	97
67) Hexachlorobenzene	16.07	284	119125	19.343	ng/ul	91
68) Atrazine	16.26	200	118368	18.907	ng/ul	97
69) Pentachlorophenol	16.43	266	62613	17.592	ng/ul	97
70) Phenanthrene	16.80	178	619941	19.529	ng/ul	99
72) Anthracene	16.90	178	624972	19.259	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.78	216	156762	19.291	ng/uL	95
74) Pentachlorobenzene	14.33	250	148877	18.997	ng/uL	95
75) Carbazole	17.18	167	550353	19.258	ng/ul	99
76) Di-n-butylphthalate	17.76	149	666040	18.883	ng/ul	99
77) Fluoranthene	18.84	202	686458	18.461	ng/ul	96
80) Pyrene	19.20	202	725563	19.743	ng/ul	96
81) Butylbenzylphthalate	20.14	149	305195	20.201	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.92	252	210681	18.956	ng/ul	92
83) Benzo(a)anthracene	20.97	228	706748	20.175	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	461013	19.987	ng/ul	99
85) Chrysene	21.03	228	663297	19.233	ng/ul	98
87) Di-n-octyl phthalate	21.78	149	768460	18.886	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	698017	20.025	ng/ul	100
89) Benzo(k)fluoranthene	22.52	252	636448	19.283	ng/ul	98
91) Benzo(a)pyrene	22.99	252	648848	20.697	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.12	276	745926	20.040	ng/ul	97
93) Dibenzo(a,h)anthracene	25.12	278	633396	19.892	ng/ul	99
94) Benzo(g,h,i)perylene	25.73	276	620554	19.883	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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