Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030420\
Data File : BN010088.D
Acq On : 04 Mar 2020 18:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02080

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3/5/2020 3:56:09 PM

Quant Time: Mar 05 03:47:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 05 01:55:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	65546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.10	136	298793	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.00	164	204743	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.76	188	458945	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	422730	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	468006	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.00	96	13829m	8.68	ng/uL	0.00
5) Phenol-d5	6.56	99	99338	17.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.72	67	68535	17.81	ng/ul	0.00
9) 2-Chlorophenol-d4	6.90	132	79486	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.08	113	85971	19.38	ng/ul	0.00
19) Nitrobenzene-d5	8.50	128	45551	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.22	143	49626	20.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.75	165	98723	21.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.26	131	118812	23.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.43	166	310467	20.30	ng/ul	0.00
47) Acenaphthylene-d8	13.69	160	348416	19.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	47808	17.12	ng/ul	0.00
58) Fluorene-d10	15.01	176	265557	20.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	46826	16.42	ng/ul	0.00
71) Anthracene-d10	16.86	188	405990	19.30	ng/ul	0.00
79) Pyrene-d10	19.17	212	444373	20.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	458705	19.63	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	15438	8.432	ng/uL	98
4) Benzaldehyde	6.53	77	41479	11.188	ng/ul	91
6) Phenol	6.59	94	109915	18.397	ng/ul#	89
8) Bis(2-Chloroethyl)ether	6.81	93	80626	17.170	ng/ul	95
10) 2-Chlorophenol	6.93	128	86243	19.507	ng/ul	96
11) 2-Methylphenol	7.81	108	83997	19.213	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.88	45	233612m	20.294	ng/ul	
14) Acetophenone	8.18	105	151802	21.006	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.16	70	82871	21.947	ng/ul	91
16) 4-Methylphenol	8.14	108	99141	20.667	ng/ul	98
17) Hexachloroethane	8.40	117	44229	21.989	ng/ul	92
20) Nitrobenzene	8.55	77	126712	19.672	ng/ul	98
21) Isophorone	9.06	82	238090	21.002	ng/ul	99
23) 2-Nitrophenol	9.25	139	55579	20.771	ng/ul	96
24) 2,4-Dimethylphenol	9.32	107	122283	21.048	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.55	93	136701	19.731	ng/ul	98
27) 2,4-Dichlorophenol	9.78	162	98925	21.328	ng/ul	98
28) Naphthalene	10.15	128	314174	19.499	ng/ul	99
30) 4-Chloroaniline	10.29	127	128822	24.355	ng/ul	98
31) Hexachlorobutadiene	10.43	225	61264	19.751	ng/ul	94
32) Caprolactam	11.07	113	30934m	19.887	ng/ul	
33) 4-Chloro-3-methylphenol	11.43	107	118182	22.283	ng/ul	98
34) 2-Methylnaphthalene	11.77	142	236742	21.160	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.00	142	231318	20.627	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.16	216	122521	20.189	ng/ul	93
38) Hexachlorocyclopentadiene	12.13	237	27397	10.434	ng/ul	89
39) 2,4,6-Trichlorophenol	12.42	196	79625	20.673	ng/ul	94
40) 2,4,5-Trichlorophenol	12.50	196	81245	19.662	ng/ul	98
41) 1,1'-Biphenyl	12.82	154	315478	20.062	ng/ul	96
42) 2-Chloronaphthalene	12.86	162	243866	19.527	ng/ul	97
43) 2-Nitroaniline	13.09	65	97299	21.304	ng/ul	96
45) Dimethylphthalate	13.48	163	319016	19.991	ng/ul	99
46) 2,6-Dinitrotoluene	13.60	165	64219	20.557	ng/ul	97
48) Acenaphthylene	13.72	152	381579	19.573	ng/ul	99
49) 3-Nitroaniline	13.94	138	58902	20.423	ng/ul	94
50) Acenaphthene	14.07	153	263881	19.745	ng/ul	99
51) 2,4-Dinitrophenol	14.18	184	27838	15.522	ng/ul	88
53) 4-Nitrophenol	14.27	109	47699	18.926	ng/ul	91
54) Dibenzofuran	14.41	168	382961	20.416	ng/ul	100
55) 2,4-Dinitrotoluene	14.42	165	95706	20.671	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.65	232	75152	21.153	ng/ul	99
57) Diethylphthalate	14.86	149	326397	19.920	ng/ul	99
59) Fluorene	15.06	166	312180	19.831	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.07	204	155995	20.092	ng/ul	96
61) 4-Nitroaniline	15.12	138	62162m	17.674	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	52157	16.982	ng/ul	95
65) N-Nitrosodiphenylamine	15.29	169	274506	20.159	ng/ul	99
66) 4-Bromophenyl-phenylether	15.96	248	91248	19.870	ng/ul	94
67) Hexachlorobenzene	16.07	284	98428	19.370	ng/ul	94
68) Atrazine	16.26	200	97476	18.870	ng/ul	92
69) Pentachlorophenol	16.43	266	49037	16.698	ng/ul	96
70) Phenanthrene	16.80	178	499239	19.061	ng/ul	100
72) Anthracene	16.90	178	509634	19.034	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.78	216	122939	18.335	ng/uL	92
74) Pentachlorobenzene	14.33	250	121634	18.811	ng/uL	96
75) Carbazole	17.18	167	445472	18.893	ng/ul	98
76) Di-n-butylphthalate	17.76	149	548132	18.834	ng/ul	99
77) Fluoranthene	18.84	202	580675	18.927	ng/ul	98
80) Pyrene	19.20	202	589506	19.343	ng/ul	96
81) Butylbenzylphthalate	20.14	149	254434	20.308	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.92	252	193165	20.958	ng/ul	95
83) Benzo(a)anthracene	20.97	228	589079	20.278	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.93	149	395638	20.684	ng/ul	97
85) Chrysene	21.03	228	559978	19.580	ng/ul	98
87) Di-n-octyl phthalate	21.78	149	639120	18.043	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	579638	19.102	ng/ul	99
89) Benzo(k)fluoranthene	22.51	252	549470	19.124	ng/ul	99
91) Benzo(a)pyrene	23.00	252	556845	20.404	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.12	276	619209	19.110	ng/ul	95
93) Dibenzo(a,h)anthracene	25.12	278	524986	18.940	ng/ul	97
94) Benzo(g,h,i)perylene	25.73	276	517989	19.065	ng/ul	98

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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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