Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072420\
Data File : BN011264.D
Acq On : 25 Jul 2020 06:01
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jul 25 06:38:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 25 04:23:15 2020
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : SSTD02067

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	243997	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	1017287	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	633802	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1428610	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1637200	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1474907	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	40331	6.31	ng/uL	0.00
5) Phenol-d5	6.68	99	404720	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	222468	21.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	335704	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	333131	20.82	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	164707	19.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	179875	20.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	341749	20.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	429994	23.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	933589	18.16	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1138326	18.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	179558	19.55	ng/ul	0.00
58) Fluorene-d10	15.11	176	839090	18.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	173145	19.86	ng/ul	0.00
71) Anthracene-d10	16.96	188	1343438	19.32	ng/ul	0.00
79) Pyrene-d10	19.27	212	1547461	18.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1559360	19.51	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	46914	6.964	ng/uL	97
4) Benzaldehyde	6.64	77	265192	26.892	ng/ul	93
6) Phenol	6.70	94	447085	21.027	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.93	93	331023	21.080	ng/ul	97
10) 2-Chlorophenol	7.05	128	358708	19.502	ng/ul	97
11) 2-Methylphenol	7.92	108	327556	20.661	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.00	45	227816	21.693	ng/ul	99
14) Acetophenone	8.29	105	546276	19.981	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.29	70	273596	19.615	ng/ul	97
16) 4-Methylphenol	8.25	108	355471	20.320	ng/ul	98
17) Hexachloroethane	8.53	117	151436	18.918	ng/ul	94
20) Nitrobenzene	8.66	77	409732	19.100	ng/ul	97
21) Isophorone	9.18	82	735350	20.058	ng/ul	97
23) 2-Nitrophenol	9.36	139	200122	20.254	ng/ul	96
24) 2,4-Dimethylphenol	9.43	107	407934	19.799	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	435335	19.620	ng/ul	97
27) 2,4-Dichlorophenol	9.89	162	345130	19.448	ng/ul	98
28) Naphthalene	10.27	128	1108201	18.583	ng/ul	99
30) 4-Chloroaniline	10.39	127	444004	23.704	ng/ul	96
31) Hexachlorobutadiene	10.57	225	222642	18.119	ng/ul	97
32) Caprolactam	11.17	113	93365m	19.587	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	351052	18.442	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	761748	17.615	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	699329	17.406 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	390044	17.971 ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	229773	17.182 ng/ul	96
39) 2,4,6-Trichlorophenol	12.53	196	261450	18.927 ng/ul	95
40) 2,4,5-Trichlorophenol	12.60	196	280668	18.136 ng/ul	94
41) 1,1'-Biphenyl	12.93	154	970972	18.041 ng/ul	99
42) 2-Chloronaphthalene	12.97	162	767544	17.975 ng/ul	98
43) 2-Nitroaniline	13.19	65	208069	19.244 ng/ul	89
45) Dimethylphthalate	13.58	163	972777	17.915 ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	201744	18.750 ng/ul	97
48) Acenaphthylene	13.83	152	1193403	18.527 ng/ul	98
49) 3-Nitroaniline	14.03	138	207415	20.889 ng/ul	100
50) Acenaphthene	14.17	153	821737	18.163 ng/ul	95
51) 2,4-Dinitrophenol	14.23	184	118263	19.058 ng/ul	93
53) 4-Nitrophenol	14.35	109	172608	19.576 ng/ul	98
54) Dibenzofuran	14.52	168	1192808	18.398 ng/ul	100
55) 2,4-Dinitrotoluene	14.49	165	305882	19.481 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.75	232	252512	19.528 ng/ul	99
57) Diethylphthalate	14.96	149	1011079	18.903 ng/ul	98
59) Fluorene	15.17	166	988698	18.109 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.17	204	480572	17.600 ng/ul	97
61) 4-Nitroaniline	15.20	138	228696	19.507 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.26	198	183900	20.254 ng/ul	99
65) N-Nitrosodiphenylamine	15.39	169	861023	19.195 ng/ul	98
66) 4-Bromophenyl-phenylether	16.07	248	289098	18.403 ng/ul	91
67) Hexachlorobenzene	16.17	284	325526	18.674 ng/ul	95
68) Atrazine	16.36	200	312145	20.503 ng/ul	97
69) Pentachlorophenol	16.52	266	203726m	19.765 ng/ul	
70) Phenanthrene	16.91	178	1632034	18.867 ng/ul	97
72) Anthracene	17.00	178	1660171	18.901 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	388126	18.468 ng/uL	97
74) Pentachlorobenzene	14.44	250	379157	18.794 ng/uL	98
75) Carbazole	17.27	167	1510722	20.184 ng/ul	99
76) Di-n-butylphthalate	17.86	149	1792420	20.078 ng/ul	98
77) Fluoranthene	18.93	202	1997050	20.489 ng/ul	98
80) Pyrene	19.30	202	2080600	18.847 ng/ul	99
81) Butylbenzylphthalate	20.23	149	890345	21.138 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.01	252	686675	19.988 ng/ul	98
83) Benzo(a)anthracene	21.07	228	2112181	18.285 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.03	149	1378110	20.581 ng/ul	97
85) Chrysene	21.12	228	2027124	18.246 ng/ul	98
87) Di-n-octyl phthalate	21.89	149	2337408	24.363 ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	2036878	20.143 ng/ul	97
89) Benzo(k)fluoranthene	22.63	252	1990210	19.556 ng/ul	99
91) Benzo(a)pyrene	23.12	252	1694532	19.001 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.29	276	1900408	18.011 ng/ul	96
93) Dibenzo(a,h)anthracene	25.30	278	1614257	18.223 ng/ul	98
94) Benzo(g,h,i)perylene	25.92	276	1528736	17.936 ng/ul	99

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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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