Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005567.D
Acq On : 09 May 2019 15:48
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02004

Manual Integrations APPROVED
Sohil
5/10/2019 1:19:34 PM

Quant Time: May 09 17:22:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 09 13:42:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	351883	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1559388	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1032347	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2475631	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1958530	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1733148	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	42506	5.83	ng/uL	0.00
5) Phenol-d5	6.77	99	504390	18.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	280086	16.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	413637	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	414068	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	218313	22.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	246578	25.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	465721	20.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	584859	25.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1425639	19.02	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1779963	19.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	222438	18.80	ng/ul	0.00
57) Fluorene-d10	15.22	176	1240930	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	220063	19.76	ng/ul	0.00
70) Anthracene-d10	17.07	188	1923869	18.54	ng/ul	0.00
78) Pyrene-d10	19.39	212	2049234	20.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1440813	19.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	45933	5.860	ng/uL	96
4) Benzaldehyde	6.74	77	346758	17.705	ng/ul	100
6) Phenol	6.80	94	516937	18.185	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	401255	17.628	ng/ul	93
10) 2-Chlorophenol	7.16	128	422214	19.309	ng/ul	94
11) 2-Methylphenol	8.03	108	403857	18.959	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.11	45	564841	14.779	ng/ul	95
14) Acetophenone	8.40	105	675671	19.542	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.39	70	327963	17.733	ng/ul#	91
16) 4-Methylphenol	8.35	108	442289	19.226	ng/ul	93
17) Hexachloroethane	8.65	117	178042	18.751	ng/ul	87
20) Nitrobenzene	8.77	77	494679	18.728	ng/ul	93
21) Isophorone	9.29	82	945593	18.081	ng/ul	96
23) 2-Nitrophenol	9.47	139	260811	23.655	ng/ul	96
24) 2,4-Dimethylphenol	9.54	107	483325	17.507	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	571004	17.374	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	457055	20.764	ng/ul	98
28) Naphthalene	10.40	128	1432396	19.759	ng/ul	100
30) 4-Chloroaniline	10.51	127	582785	24.875	ng/ul	99
31) Hexachlorobutadiene	10.68	225	326140	20.981	ng/ul	97
32) Caprolactam	11.27	113	144619m	21.715	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	479161	19.332	ng/ul	95
34) 2-Methylnaphthalene	12.02	142	1060356	19.976	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	633507	19.829 ng/ul	99
37) Hexachlorocyclopentadiene	12.37	237	282101	12.951 ng/ul	98
38) 2,4,6-Trichlorophenol	12.64	196	388748	20.179 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	415268	20.060 ng/ul	98
40) 1,1'-Biphenyl	13.05	154	1417852	18.433 ng/ul	99
41) 2-Chloronaphthalene	13.09	162	1119756	18.928 ng/ul	95
42) 2-Nitroaniline	13.30	65	321707	20.503 ng/ul	90
44) Dimethylphthalate	13.69	163	1390130	18.617 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	304225	23.595 ng/ul	87
47) Acenaphthylene	13.94	152	1712685	18.934 ng/ul	99
48) 3-Nitroaniline	14.14	138	296869	24.767 ng/ul#	84
49) Acenaphthene	14.29	153	1165635	18.876 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	116752	18.589 ng/ul	86
52) 4-Nitrophenol	14.46	109	185062	17.230 ng/ul	97
53) Dibenzofuran	14.62	168	1708948	19.221 ng/ul	98
54) 2,4-Dinitrotoluene	14.61	165	435620	23.437 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.86	232	378602	21.984 ng/ul	94
56) Diethylphthalate	15.06	149	1395594	18.639 ng/ul	98
58) Fluorene	15.28	166	1358237	19.578 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	726309	19.735 ng/ul	98
60) 4-Nitroaniline	15.31	138	327254	21.900 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.38	198	223265	18.840 ng/ul#	90
64) N-Nitrosodiphenylamine	15.49	169	1190752	17.574 ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	477958	19.164 ng/ul	95
66) Hexachlorobenzene	16.29	284	526719	19.833 ng/ul	94
67) Atrazine	16.46	200	473895	18.787 ng/ul	98
68) Pentachlorophenol	16.63	266	277822	17.866 ng/ul	97
69) Phenanthrene	17.02	178	2199194	18.240 ng/ul	100
71) Anthracene	17.11	178	2225061	18.116 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	649915	17.973 ng/uL	99
73) Pentachlorobenzene	14.55	250	611269	18.782 ng/uL	99
74) Carbazole	17.39	167	1972535	18.696 ng/ul	99
75) Di-n-butylphthalate	17.96	149	2448649	18.497 ng/ul	100
76) Fluoranthene	19.05	202	2566580	19.192 ng/ul	96
79) Pyrene	19.42	202	2552557	20.242 ng/ul#	93
80) Butylbenzylphthalate	20.34	149	1086471	21.761 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	723959	18.501 ng/ul#	98
82) Benzo(a)anthracene	21.19	228	2195503	18.019 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.14	149	1584037	20.604 ng/ul	97
84) Chrysene	21.24	228	2054375	18.168 ng/ul	99
86) Di-n-octyl phthalate	22.02	149	2570479	24.216 ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	1835840	18.844 ng/ul#	97
88) Benzo(k)fluoranthene	22.80	252	1834832m	19.719 ng/ul	
90) Benzo(a)pyrene	23.32	252	1710576	18.680 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	1876429	18.533 ng/ul	96
92) Dibenzo(a,h)anthracene	25.62	278	1612665	18.769 ng/ul#	94
93) Benzo(g,h,i)perylene	26.27	276	1551526	18.533 ng/ul	97

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

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