Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012613.D
Acq On : 19 Nov 2020 02:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02005

Manual Integrations APPROVED
mohammad
11/20/2020 11:30:22 AM

Quant Time: Nov 19 05:39:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 03:50:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	158790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	651101	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	461564	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	965424	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1073091	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1123034	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	28935	6.49	ng/uL	0.00
5) Phenol-d5	6.63	99	260223	17.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	165977	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	212587	18.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	219000	18.55	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	103214	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	117959	19.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	223227	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	266309	23.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	725679	19.25	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	852470	18.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	118232	16.75	ng/ul	0.00
58) Fluorene-d10	15.10	176	623652	18.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	125517	19.06	ng/ul	0.00
71) Anthracene-d10	16.96	188	981259	20.01	ng/ul	0.00
79) Pyrene-d10	19.26	212	1033571	18.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	1172454	19.10	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	33417	6.935	ng/uL#	92
4) Benzaldehyde	6.60	77	160622	19.275	ng/ul	97
6) Phenol	6.66	94	270575	18.312	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.89	93	212890	18.830	ng/ul	96
10) 2-Chlorophenol	7.01	128	215985	18.858	ng/ul	96
11) 2-Methylphenol	7.89	108	196966	17.840	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	7.98	45	312658	20.981	ng/ul	98
14) Acetophenone	8.27	105	350878	19.354	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	194211	21.150	ng/ul	97
16) 4-Methylphenol	8.22	108	222522	18.445	ng/ul	98
17) Hexachloroethane	8.50	117	99454	19.797	ng/ul	98
20) Nitrobenzene	8.64	77	281683	19.345	ng/ul	98
21) Isophorone	9.16	82	539530	21.925	ng/ul	98
23) 2-Nitrophenol	9.34	139	124761	19.507	ng/ul	95
24) 2,4-Dimethylphenol	9.41	107	271536	19.912	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.65	93	302285	19.850	ng/ul	100
27) 2,4-Dichlorophenol	9.87	162	215035	19.553	ng/ul	99
28) Naphthalene	10.26	128	723536	19.223	ng/ul	98
30) 4-Chloroaniline	10.38	127	258799	24.125	ng/ul	100
31) Hexachlorobutadiene	10.55	225	142345	19.735	ng/ul	91
32) Caprolactam	11.16	113	72512m	20.754	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	263926	20.956	ng/ul	95
34) 2-Methylnaphthalene	11.89	142	518226	19.727	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.11	142	616840	19.704 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	260031	18.245 ng/ul	97
38) Hexachlorocyclopentadiene	12.24	237	158100	17.682 ng/ul	95
39) 2,4,6-Trichlorophenol	12.52	196	180176	19.087 ng/ul	93
40) 2,4,5-Trichlorophenol	12.59	196	185334	18.639 ng/ul	94
41) 1,1'-Biphenyl	12.93	154	699651	18.289 ng/ul	99
42) 2-Chloronaphthalene	12.96	162	532649	17.822 ng/ul	93
43) 2-Nitroaniline	13.18	65	179371	20.165 ng/ul	87
45) Dimethylphthalate	13.57	163	724626	19.084 ng/ul	98
46) 2,6-Dinitrotoluene	13.69	165	151827	19.847 ng/ul	93
48) Acenaphthylene	13.82	152	861185	19.111 ng/ul	99
49) 3-Nitroaniline	14.02	138	117951	19.917 ng/ul	99
50) Acenaphthene	14.17	153	613776	18.650 ng/ul	99
51) 2,4-Dinitrophenol	14.23	184	79540	16.803 ng/ul#	82
53) 4-Nitrophenol	14.34	109	117634	18.236 ng/ul	92
54) Dibenzofuran	14.50	168	834240	18.285 ng/ul	94
55) 2,4-Dinitrotoluene	14.49	165	220883	19.796 ng/ul#	87
56) 2,3,4,6-Tetrachlorophenol	14.74	232	170547	19.777 ng/ul	97
57) Diethylphthalate	14.95	149	767521	19.777 ng/ul	98
59) Fluorene	15.16	166	713582	18.719 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.16	204	354672	19.166 ng/ul	94
61) 4-Nitroaniline	15.19	138	130114m	17.323 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.25	198	133333	19.076 ng/ul#	91
65) N-Nitrosodiphenylamine	15.38	169	600580	19.566 ng/ul	97
66) 4-Bromophenyl-phenylether	16.06	248	209002	19.273 ng/ul	92
67) Hexachlorobenzene	16.16	284	253428	19.606 ng/ul	97
68) Atrazine	16.34	200	222671	20.172 ng/ul	96
69) Pentachlorophenol	16.51	266	138465	18.162 ng/ul	94
70) Phenanthrene	16.90	178	1134870	19.120 ng/ul	98
72) Anthracene	16.99	178	1193991	19.842 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	263578	19.229 ng/uL	93
74) Pentachlorobenzene	14.43	250	273716	19.126 ng/uL	97
75) Carbazole	17.27	167	1018761	19.838 ng/ul	99
76) Di-n-butylphthalate	17.84	149	1338852	21.075 ng/ul	99
77) Fluoranthene	18.93	202	1332096	19.514 ng/ul#	95
80) Pyrene	19.29	202	1418421	18.565 ng/ul	99
81) Butylbenzylphthalate	20.22	149	627536	20.298 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.00	252	421450	19.778 ng/ul	91
83) Benzo(a)anthracene	21.05	228	1288303	17.813 ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.00	149	964076	20.690 ng/ul	99
85) Chrysene	21.10	228	1278020	18.127 ng/ul	99
87) Di-n-octyl phthalate	21.86	149	1655474	20.697 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1415174	18.858 ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	1383954	19.176 ng/ul	97
91) Benzo(a)pyrene	23.09	252	1280187	18.675 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.27	276	1628712	19.064 ng/ul	97
93) Dibenzo(a,h)anthracene	25.29	278	1396917	19.094 ng/ul	98
94) Benzo(g,h,i)perylene	25.91	276	1371979	18.965 ng/ul	97

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

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