Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071520\
Data File : BN011176.D
Acq On : 15 Jul 2020 15:10
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02058

Manual Integrations APPROVED
mohammad
7/16/2020 11:06:52 AM

Quant Time: Jul 15 15:50:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 14:43:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	167162	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	708392	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	468728	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1072932	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1216840	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1183547	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	32846	7.51	ng/uL	0.00
5) Phenol-d5	6.69	99	257730	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	140634	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	215573	18.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	217074	19.80	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	118324	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	119018	19.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	225537	19.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	291890	23.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	702421	18.48	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	838359	18.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	125345	18.46	ng/ul	0.00
58) Fluorene-d10	15.12	176	608051	18.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	123293	18.83	ng/ul	0.00
71) Anthracene-d10	16.97	188	977517	18.72	ng/ul	0.00
79) Pyrene-d10	19.28	212	1137840	18.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1241626	19.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	37330	8.089	ng/uL	98
4) Benzaldehyde	6.65	77	165747	24.534	ng/ul	99
6) Phenol	6.72	94	282661	19.405	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.93	93	222221	20.656	ng/ul	97
10) 2-Chlorophenol	7.06	128	235045	18.652	ng/ul	94
11) 2-Methylphenol	7.93	108	213389	19.647	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.02	45	136972	19.037	ng/ul	99
14) Acetophenone	8.30	105	366580	19.571	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.29	70	177628	18.588	ng/ul	98
16) 4-Methylphenol	8.26	108	239813	20.009	ng/ul	95
17) Hexachloroethane	8.55	117	109246	19.921	ng/ul	90
20) Nitrobenzene	8.67	77	308033	20.621	ng/ul	98
21) Isophorone	9.19	82	492571	19.294	ng/ul	99
23) 2-Nitrophenol	9.37	139	135096	19.634	ng/ul	98
24) 2,4-Dimethylphenol	9.45	107	277211	19.321	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.68	93	295194	19.105	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	235734	19.076	ng/ul	97
28) Naphthalene	10.29	128	772032	18.591	ng/ul	99
30) 4-Chloroaniline	10.40	127	300210	23.016	ng/ul	100
31) Hexachlorobutadiene	10.58	225	156173	18.252	ng/ul	96
32) Caprolactam	11.19	113	67610m	20.369	ng/ul	
33) 4-Chloro-3-methylphenol	11.54	107	250178	18.873	ng/ul	96
34) 2-Methylnaphthalene	11.91	142	573065	19.030	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	519754	18.578	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	298128	18.574	ng/ul	98
38) Hexachlorocyclopentadiene	12.27	237	186963	18.904	ng/ul	99
39) 2,4,6-Trichlorophenol	12.54	196	189005	18.501	ng/ul	98
40) 2,4,5-Trichlorophenol	12.61	196	211686	18.496	ng/ul	95
41) 1,1'-Biphenyl	12.95	154	726469	18.252	ng/ul	100
42) 2-Chloronaphthalene	12.98	162	563698	17.850	ng/ul	97
43) 2-Nitroaniline	13.19	65	148045	18.515	ng/ul	90
45) Dimethylphthalate	13.59	163	741563	18.467	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	151808	19.078	ng/ul	96
48) Acenaphthylene	13.83	152	884120	18.560	ng/ul	98
49) 3-Nitroaniline	14.03	138	146985	20.016	ng/ul	99
50) Acenaphthene	14.19	153	611110	18.265	ng/ul	94
51) 2,4-Dinitrophenol	14.25	184	83946	18.292	ng/ul	91
53) 4-Nitrophenol	14.36	109	127448	19.545	ng/ul	97
54) Dibenzofuran	14.52	168	883265	18.422	ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	224624	19.344	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.76	232	178596	18.676	ng/ul	97
57) Diethylphthalate	14.97	149	754942	19.085	ng/ul	98
59) Fluorene	15.18	166	723503	17.918	ng/ul	94
60) 4-Chlorophenyl-phenylether	15.18	204	367582	18.202	ng/ul	98
61) 4-Nitroaniline	15.20	138	161911	18.674	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.27	198	132824	19.478	ng/ul	99
65) N-Nitrosodiphenylamine	15.40	169	631692	18.750	ng/ul	97
66) 4-Bromophenyl-phenylether	16.07	248	214819	18.207	ng/ul	95
67) Hexachlorobenzene	16.19	284	246467	18.825	ng/ul	99
68) Atrazine	16.36	200	229607	20.081	ng/ul	96
69) Pentachlorophenol	16.53	266	146683	18.949	ng/ul	96
70) Phenanthrene	16.92	178	1191638	18.343	ng/ul	97
72) Anthracene	17.01	178	1223139	18.542	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	290388	18.398	ng/uL	98
74) Pentachlorobenzene	14.45	250	280716	18.527	ng/uL	97
75) Carbazole	17.28	167	1102585	19.614	ng/ul	99
76) Di-n-butylphthalate	17.87	149	1276939	19.045	ng/ul	98
77) Fluoranthene	18.95	202	1450766	19.818	ng/ul	99
80) Pyrene	19.31	202	1534441	18.702	ng/ul	98
81) Butylbenzylphthalate	20.25	149	621128	19.840	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.02	252	514239	20.140	ng/ul	96
83) Benzo(a)anthracene	21.07	228	1626834	18.949	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	994494	19.983	ng/ul	99
85) Chrysene	21.13	228	1551726	18.792	ng/ul	98
87) Di-n-octyl phthalate	21.90	149	1670812	21.703	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1643604	20.255	ng/ul	99
89) Benzo(k)fluoranthene	22.64	252	1532270	18.763	ng/ul	98
91) Benzo(a)pyrene	23.13	252	1426571	19.934	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.30	276	1601786	18.918	ng/ul	97
93) Dibenzo(a,h)anthracene	25.32	278	1366125	19.218	ng/ul	99
94) Benzo(g,h,i)perylene	25.93	276	1312780	19.194	ng/ul	99

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

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