Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN071720\
Data File : BN011196.D
Acq On : 17 Jul 2020 08:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02062

Manual Integrations APPROVED
mohammad
7/20/2020 11:27:20 AM

Quant Time: Jul 17 09:58:34 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 09:55:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	176829	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	742339	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	502950	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1097414	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1267743	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	1282711	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	35428	7.65	ng/uL	0.00
5) Phenol-d5	6.68	99	290806	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	167741	22.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	234426	19.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	223679	19.29	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	117809	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	125784	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	242042	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	302860	23.14	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	732287	17.95	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	886587	18.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	136273	18.70	ng/ul	0.00
58) Fluorene-d10	15.12	176	639227	17.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	123643	18.46	ng/ul	0.00
71) Anthracene-d10	16.97	188	1011966	18.94	ng/ul	0.00
79) Pyrene-d10	19.27	212	1157447	18.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	1339771	19.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	36111	7.397	ng/uL	97
4) Benzaldehyde	6.65	77	193931	27.136	ng/ul	97
6) Phenol	6.71	94	323347	20.984	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.93	93	245889	21.607	ng/ul	95
10) 2-Chlorophenol	7.06	128	249803	18.740	ng/ul	96
11) 2-Methylphenol	7.93	108	222840	19.395	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.01	45	143763	18.889	ng/ul	97
14) Acetophenone	8.30	105	385170	19.439	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.29	70	188251	18.622	ng/ul	96
16) 4-Methylphenol	8.26	108	244101	19.254	ng/ul	97
17) Hexachloroethane	8.54	117	105824	18.242	ng/ul	93
20) Nitrobenzene	8.66	77	293319	18.738	ng/ul	98
21) Isophorone	9.19	82	504541	18.859	ng/ul	99
23) 2-Nitrophenol	9.36	139	139649	19.368	ng/ul	98
24) 2,4-Dimethylphenol	9.44	107	293258	19.505	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.67	93	301869	18.644	ng/ul	97
27) 2,4-Dichlorophenol	9.89	162	247524	19.114	ng/ul	97
28) Naphthalene	10.28	128	812237	18.665	ng/ul	99
30) 4-Chloroaniline	10.40	127	320517	23.449	ng/ul	97
31) Hexachlorobutadiene	10.58	225	172101	19.193	ng/ul	98
32) Caprolactam	11.18	113	71967m	20.690	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	266278	19.169	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	589999	18.697	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	549159	18.731	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	305555	17.741	ng/ul	99
38) Hexachlorocyclopentadiene	12.26	237	198229	18.680	ng/ul	97
39) 2,4,6-Trichlorophenol	12.53	196	200796	18.318	ng/ul	98
40) 2,4,5-Trichlorophenol	12.60	196	221408	18.029	ng/ul	96
41) 1,1'-Biphenyl	12.94	154	763060	17.867	ng/ul	99
42) 2-Chloronaphthalene	12.98	162	609483	17.987	ng/ul	99
43) 2-Nitroaniline	13.19	65	154700	18.031	ng/ul	92
45) Dimethylphthalate	13.59	163	764355	17.739	ng/ul	98
46) 2,6-Dinitrotoluene	13.70	165	153777	18.010	ng/ul	99
48) Acenaphthylene	13.83	152	931737	18.228	ng/ul	99
49) 3-Nitroaniline	14.03	138	154882	19.656	ng/ul	94
50) Acenaphthene	14.18	153	671969	18.717	ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	77891	15.817	ng/ul	94
53) 4-Nitrophenol	14.36	109	134239	19.185	ng/ul	97
54) Dibenzofuran	14.52	168	939166	18.255	ng/ul	97
55) 2,4-Dinitrotoluene	14.50	165	235314	18.885	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	14.76	232	185578	18.085	ng/ul	97
57) Diethylphthalate	14.97	149	781527	18.413	ng/ul	97
59) Fluorene	15.17	166	773872	17.862	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.18	204	378167	17.452	ng/ul	98
61) 4-Nitroaniline	15.20	138	170880	18.367	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.27	198	135322	19.402	ng/ul	100
65) N-Nitrosodiphenylamine	15.39	169	661576	19.199	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	234320	19.417	ng/ul#	84
67) Hexachlorobenzene	16.19	284	262872	19.630	ng/ul	98
68) Atrazine	16.36	200	250046	21.380	ng/ul	98
69) Pentachlorophenol	16.53	266	156780	19.801	ng/ul	98
70) Phenanthrene	16.92	178	1238684	18.642	ng/ul	97
72) Anthracene	17.00	178	1281194	18.988	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	311859	19.318	ng/uL	95
74) Pentachlorobenzene	14.45	250	308353	19.897	ng/uL	97
75) Carbazole	17.28	167	1149956	20.000	ng/ul	99
76) Di-n-butylphthalate	17.87	149	1327146	19.353	ng/ul	98
77) Fluoranthene	18.94	202	1525561	20.375	ng/ul	99
80) Pyrene	19.31	202	1620463	18.957	ng/ul	97
81) Butylbenzylphthalate	20.25	149	628056	19.256	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.02	252	498115	18.725	ng/ul	96
83) Benzo(a)anthracene	21.07	228	1717667	19.203	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1015749	19.591	ng/ul	100
85) Chrysene	21.13	228	1589095	18.472	ng/ul	97
87) Di-n-octyl phthalate	21.90	149	1741626	20.873	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	1679471	19.097	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	1650962	18.653	ng/ul	98
91) Benzo(a)pyrene	23.13	252	1460004	18.824	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.31	276	1915424	20.874	ng/ul	96
93) Dibenzo(a,h)anthracene	25.32	278	1564983	20.314	ng/ul	96
94) Benzo(g,h,i)perylene	25.94	276	1580082	21.316	ng/ul	97

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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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