Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022420\
Data File : BN009913.D
Acq On : 25 Feb 2020 22:19
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02061

Manual Integrations APPROVED
mohammad
2/27/2020 8:33:09 AM

Quant Time: Feb 26 07:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:04:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	93401	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	392630	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	253176	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	544174	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	592222	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	572122	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	20178	8.88	ng/uL	0.00
5) Phenol-d5	6.59	99	162206	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	118085	21.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	129915	21.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	132613	20.98	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	61704	21.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	68558	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	130134	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	149241	21.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	384488	20.33	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	478961	21.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	66106	19.14	ng/ul	0.00
58) Fluorene-d10	15.03	176	344812	21.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	63664	18.83	ng/ul	0.00
71) Anthracene-d10	16.88	188	546741	21.92	ng/ul	0.00
79) Pyrene-d10	19.19	212	605589	19.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	615523	21.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	21489	8.237	ng/uL	94
4) Benzaldehyde	6.55	77	118806	22.488	ng/ul	96
6) Phenol	6.62	94	178706	20.991	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.83	93	142710	21.328	ng/ul	96
10) 2-Chlorophenol	6.96	128	135684	21.537	ng/ul	99
11) 2-Methylphenol	7.83	108	131723	21.144	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.92	45	367925	22.430	ng/ul	99
14) Acetophenone	8.20	105	219080	21.275	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.19	70	121116	22.509	ng/ul	96
16) 4-Methylphenol	8.16	108	144513	21.141	ng/ul	94
17) Hexachloroethane	8.43	117	63876	22.286	ng/ul	97
20) Nitrobenzene	8.57	77	180555	21.332	ng/ul	97
21) Isophorone	9.09	82	319439	21.444	ng/ul	99
23) 2-Nitrophenol	9.27	139	76680	21.808	ng/ul	99
24) 2,4-Dimethylphenol	9.35	107	168466	22.067	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.57	93	196145	21.545	ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	133744	21.944	ng/ul	95
28) Naphthalene	10.18	128	452582	21.376	ng/ul	98
30) 4-Chloroaniline	10.31	127	155618	22.390	ng/ul	98
31) Hexachlorobutadiene	10.46	225	85275	20.921	ng/ul	89
32) Caprolactam	11.09	113	44107m	21.579	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	153654	22.047	ng/ul	99
34) 2-Methylnaphthalene	11.80	142	313758	21.342	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	313924	21.303	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	155073	20.664	ng/ul	97
38) Hexachlorocyclopentadiene	12.16	237	49803	15.339	ng/ul	98
39) 2,4,6-Trichlorophenol	12.45	196	99250	20.838	ng/ul	98
40) 2,4,5-Trichlorophenol	12.52	196	107648	21.068	ng/ul	96
41) 1,1'-Biphenyl	12.85	154	409993	21.084	ng/ul	99
42) 2-Chloronaphthalene	12.88	162	329403	21.330	ng/ul	97
43) 2-Nitroaniline	13.11	65	122321	21.660	ng/ul	98
45) Dimethylphthalate	13.50	163	413569	20.959	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	82124	21.259	ng/ul	99
48) Acenaphthylene	13.74	152	521445	21.631	ng/ul	99
49) 3-Nitroaniline	13.96	138	74184	20.801	ng/ul	98
50) Acenaphthene	14.09	153	349454	21.146	ng/ul	98
51) 2,4-Dinitrophenol	14.19	184	36593	16.500	ng/ul	98
53) 4-Nitrophenol	14.29	109	62172	19.950	ng/ul	90
54) Dibenzofuran	14.43	168	477150	20.571	ng/ul	99
55) 2,4-Dinitrotoluene	14.43	165	123631	21.594	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.67	232	93034	21.177	ng/ul	97
57) Diethylphthalate	14.88	149	433832	21.411	ng/ul	97
59) Fluorene	15.09	166	408933	21.007	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.09	204	196498	20.468	ng/ul	96
61) 4-Nitroaniline	15.13	138	86692m	19.934	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.20	198	68820	18.898	ng/ul	95
65) N-Nitrosodiphenylamine	15.31	169	339541	21.030	ng/ul	97
66) 4-Bromophenyl-phenylether	15.99	248	114078	20.950	ng/ul	95
67) Hexachlorobenzene	16.10	284	124194	20.612	ng/ul	94
68) Atrazine	16.27	200	126481	20.650	ng/ul	97
69) Pentachlorophenol	16.45	266	63688	18.291	ng/ul	94
70) Phenanthrene	16.83	178	661326	21.295	ng/ul	99
72) Anthracene	16.92	178	702818	22.138	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	167578	21.078	ng/uL	93
74) Pentachlorobenzene	14.35	250	163629	21.342	ng/uL	99
75) Carbazole	17.20	167	598419	21.404	ng/ul	99
76) Di-n-butylphthalate	17.77	149	732741	21.234	ng/ul	99
77) Fluoranthene	18.86	202	796377	21.892	ng/ul	98
80) Pyrene	19.22	202	816475	19.123	ng/ul	99
81) Butylbenzylphthalate	20.15	149	348435	19.851	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.93	252	243434	18.853	ng/ul	97
83) Benzo(a)anthracene	20.99	228	811121	19.930	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.94	149	543573	20.284	ng/ul	98
85) Chrysene	21.04	228	784513	19.580	ng/ul	97
87) Di-n-octyl phthalate	21.79	149	886609	20.475	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	756485	20.394	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	796678	22.682	ng/ul	99
91) Benzo(a)pyrene	23.01	252	719290	21.560	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.14	276	863264	21.794	ng/ul	96
93) Dibenzo(a,h)anthracene	25.14	278	719797	21.242	ng/ul	98
94) Benzo(g,h,i)perylene	25.76	276	714835	21.523	ng/ul	99

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

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