Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN010620\
Data File : BN009313.D
Acq On : 06 Jan 2020 16:16
Operator : JU
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD080561

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:08 PM

Quant Time: Jan 06 17:38:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM01-EPA-BN010620.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:00:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	239100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1070999	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	702705	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1511168	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1322342	20.00	ng/ul	0.01
86) Perylene-d12	23.20	264	1328173	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	171798	31.74	ng/uL	0.00
5) Phenol-d5	6.69	99	1838791	81.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	1197444	88.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	1362908	84.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	1480730	80.01	ng/ul	0.02
19) Nitrobenzene-d5	8.63	128	697585	90.64	ng/ul	0.01
22) 2-Nitrophenol-d4	9.34	143	807229	95.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.88	165	1447334	87.99	ng/ul	0.01
29) 4-Chloroaniline-d4	10.39	131	1668865	83.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	4210051	81.02	ng/ul	0.01
47) Acenaphthylene-d8	13.81	160	5203099	83.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	828633	88.82	ng/ul	0.02
58) Fluorene-d10	15.12	176	3640429	79.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	835634	90.65	ng/ul	0.02
71) Anthracene-d10	16.97	188	5540899	80.58	ng/ul	0.01
79) Pyrene-d10	19.27	212	6001143	95.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	5587305	84.69	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	187427	31.262	ng/uL	97
4) Benzaldehyde	6.65	77	1020411m	69.721	ng/ul	
6) Phenol	6.72	94	1872943	80.117	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.93	93	1460880	80.647	ng/ul	97
10) 2-Chlorophenol	7.06	128	1379936	83.329	ng/ul	97
11) 2-Methylphenol	7.93	108	1416650	81.503	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.02	45	3368323	161.452	ng/ul	100
14) Acetophenone	8.30	105	2253718	80.753	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.32	70	1261627	81.829	ng/ul	98
16) 4-Methylphenol	8.28	108	1545915	80.110	ng/ul	95
17) Hexachloroethane	8.54	117	602722	88.178	ng/ul	93
20) Nitrobenzene	8.68	77	1860021	86.950	ng/ul	96
21) Isophorone	9.21	82	3556803	88.956	ng/ul	99
23) 2-Nitrophenol	9.38	139	835839	89.724	ng/ul	99
24) 2,4-Dimethylphenol	9.45	107	1742482	86.710	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.68	93	2076258	83.587	ng/ul	99
27) 2,4-Dichlorophenol	9.90	162	1371889	85.212	ng/ul	94
28) Naphthalene	10.29	128	4598329	81.934	ng/ul	99
30) 4-Chloroaniline	10.41	127	1647751	81.713	ng/ul	99
31) Hexachlorobutadiene	10.58	225	876020	88.017	ng/ul	96
32) Caprolactam	11.22	113	506324m	83.228	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	1702439	88.122	ng/ul	98
34) 2-Methylnaphthalene	11.91	142	3278471	81.725	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	3295150	80.475	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	1683444	88.621	ng/ul	100
38) Hexachlorocyclopentadiene	12.27	237	1130318	132.059	ng/ul	96
39) 2,4,6-Trichlorophenol	12.55	196	1159133	92.265	ng/ul	96
40) 2,4,5-Trichlorophenol	12.62	196	1219384	90.037	ng/ul	93
41) 1,1'-Biphenyl	12.95	154	4257004	81.159	ng/ul	98
42) 2-Chloronaphthalene	12.99	162	3362200	81.585	ng/ul	99
43) 2-Nitroaniline	13.20	65	1381993	114.377	ng/ul	99
45) Dimethylphthalate	13.60	163	4258261	78.850	ng/ul	99
46) 2,6-Dinitrotoluene	13.72	165	963526	90.573	ng/ul	98
48) Acenaphthylene	13.84	152	5416397	81.937	ng/ul	99
49) 3-Nitroaniline	14.04	138	824629	81.676	ng/ul	96
50) Acenaphthene	14.19	153	3605659	79.329	ng/ul	97
51) 2,4-Dinitrophenol	14.26	184	622457	104.122	ng/ul	93
53) 4-Nitrophenol	14.38	109	709330	95.345	ng/ul	94
54) Dibenzofuran	14.53	168	4905242	77.630	ng/ul	99
55) 2,4-Dinitrotoluene	14.51	165	1341641	83.511	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.76	232	1066096	87.074	ng/ul	99
57) Diethylphthalate	14.98	149	4509205	82.126	ng/ul	98
59) Fluorene	15.18	166	4077152	76.407	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.18	204	2077890	80.079	ng/ul	97
61) 4-Nitroaniline	15.22	138	907555m	81.409	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.29	198	878803	89.253	ng/ul#	96
65) N-Nitrosodiphenylamine	15.40	169	3537831	80.518	ng/ul	100
66) 4-Bromophenyl-phenylether	16.07	248	1284399	79.961	ng/ul	97
67) Hexachlorobenzene	16.19	284	1434815	72.951	ng/ul	94
68) Atrazine	16.37	200	1391613	85.204	ng/ul	97
69) Pentachlorophenol	16.53	266	913749	88.656	ng/ul	96
70) Phenanthrene	16.92	178	6646420	78.561	ng/ul	100
72) Anthracene	17.01	178	6720182	79.011	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.91	216	1693297	89.282	ng/uL	96
74) Pentachlorobenzene	14.45	250	1644861	78.748	ng/uL	98
75) Carbazole	17.28	167	5881714	80.500	ng/ul	99
76) Di-n-butylphthalate	17.86	149	7867856	89.788	ng/ul	99
77) Fluoranthene	18.94	202	7666873	83.146	ng/ul	99
80) Pyrene	19.31	202	7676531	88.923	ng/ul	96
81) Butylbenzylphthalate	20.23	149	3558144	104.621	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.00	252	2411433	82.148	ng/ul	98
83) Benzo(a)anthracene	21.06	228	7386254	87.670	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	5265646	103.895	ng/ul	98
85) Chrysene	21.12	228	6751609	81.759	ng/ul	97
87) Di-n-octyl phthalate	21.87	149	8761563	122.093	ng/ul	100
88) Benzo(b)fluoranthene	22.58	252	7389276	92.981	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	6592418	84.545	ng/ul	98
91) Benzo(a)pyrene	23.12	252	6168710	85.805	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.31	276	6572224	76.133	ng/ul	95
93) Dibenzo(a,h)anthracene	25.32	278	5517636	76.237	ng/ul	98
94) Benzo(g,h,i)perylene	25.93	276	5227411	74.165	ng/ul	98

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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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