Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN031721\
Data File : BN013961.D
Acq On : 16 Mar 2021 18:53
Operator : CG/JU
Sample : SSTD16053
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD160053

Quant Time: Mar 16 19:23:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 16 17:38:29 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	176981	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	718811	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	420176	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.10	188	844452	20.00	ng/ul	0.00
79) Chrysene-d12	21.28	240	769540	20.00	ng/ul	0.01
88) Perylene-d12	23.51	264	833569	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	296987	68.43	ng/uL	0.00
4) Pyridine-d5	3.61	84	2101155	185.44	ng/ul	0.00
7) Phenol-d5	6.89	99	2506084	180.05	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	7.05	67	1462386	178.73	ng/ul	0.00
11) 2-Chlorophenol-d4	7.25	132	2008961	165.00	ng/ul	0.01
15) 4-Methylphenol-d8	8.43	113	1920536	173.89	ng/ul	0.02
21) Nitrobenzene-d5	8.88	128	962269	170.58	ng/ul	0.02
24) 2-Nitrophenol-d4	9.59	143	1034038	178.56	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.12	165	1862526	167.99	ng/ul	0.01
31) 4-Chloroaniline-d4	10.64	131	2555376	163.28	ng/ul	0.02
46) Dimethylphthalate-d6	13.77	166	4768675	152.97	ng/ul	0.02
49) Acenaphthylene-d8	14.05	160	5716526	144.15	ng/ul	0.01
54) 4-Nitrophenol-d4	14.57	143	1000512	171.37	ng/ul	0.04
60) Fluorene-d10	15.35	176	3945596	145.58	ng/ul	0.01
65) 4,6-Dinitro-2-methylphenol	15.48	200	819501	166.58	ng/ul	0.02
73) Anthracene-d10	17.20	188	5925571	145.22	ng/ul	0.01
81) Pyrene-d10	19.49	212	6196047	135.44	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.38	264	6920448	159.15	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	308924	68.787	ng/uL	96
5) Pyridine	3.63	79	2102613	183.232	ng/ul	98
6) Benzaldehyde	6.86	77	602153	106.017	ng/ul	98
8) Phenol	6.92	94	2622953	182.484	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.15	93	2005672	169.741	ng/ul	100
12) 2-Chlorophenol	7.28	128	2080698	166.817	ng/ul	98
13) 2-Methylphenol	8.15	108	1949227	180.006	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.25	45	2907526	176.241	ng/ul	98
16) Acetophenone	8.54	105	2937144	176.043	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.55	70	1451479	191.202	ng/ul	94
18) 4-Methylphenol	8.50	108	2066769	176.274	ng/ul	98
19) Hexachloroethane	8.79	117	855029	164.582	ng/ul	98
22) Nitrobenzene	8.92	77	2265876	177.005	ng/ul	95
23) Isophorone	9.45	82	4150663	188.687	ng/ul	98
25) 2-Nitrophenol	9.62	139	1118311	170.032	ng/ul	98
26) 2,4-Dimethylphenol	9.68	107	2209723	175.175	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.92	93	2579339	168.177	ng/ul	98
29) 2,4-Dichlorophenol	10.15	162	1818343	162.906	ng/ul	97
30) Naphthalene	10.55	128	6022208	148.403	ng/ul	99
32) 4-Chloroaniline	10.66	127	2585676	171.020	ng/ul	97
33) Hexachlorobutadiene	10.83	225	1102787	151.342	ng/ul	96
34) Caprolactam	11.47	113	342503	110.862	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.80	107	1969117	179.953 ng/ul	99
36) 2-Methylnaphthalene	12.16	142	4174773	153.880 ng/ul	97
37) 1-Methylnaphthalene	12.39	142	4131763	159.046 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	2026727	150.137 ng/ul	99
40) Hexachlorocyclopentadiene	12.52	237	1352372	163.382 ng/ul	96
41) 2,4,6-Trichlorophenol	12.78	196	1409281	173.125 ng/ul	95
42) 2,4,5-Trichlorophenol	12.85	196	1532543	172.206 ng/ul	96
43) 1,1'-Biphenyl	13.19	154	4995453	140.918 ng/ul	98
44) 2-Chloronaphthalene	13.23	162	4006748	142.991 ng/ul	99
45) 2-Nitroaniline	13.44	65	1290279	201.535 ng/ul	99
47) Dimethylphthalate	13.82	163	4804673	148.183 ng/ul	100
48) 2,6-Dinitrotoluene	13.95	165	1088054	171.509 ng/ul	93
50) Acenaphthylene	14.08	152	5781682	141.536 ng/ul	98
51) 3-Nitroaniline	14.27	138	1053486	181.029 ng/ul	90
52) Acenaphthene	14.42	153	4171051	143.093 ng/ul	96
53) 2,4-Dinitrophenol	14.47	184	645384	199.393 ng/ul	96
55) 4-Nitrophenol	14.59	109	774075	184.229 ng/ul	97
56) Dibenzofuran	14.76	168	5685070	145.626 ng/ul	96
57) 2,4-Dinitrotoluene	14.73	165	1496317	168.806 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.99	232	1216566	176.459 ng/ul#	99
59) Diethylphthalate	15.19	149	4878906	155.780 ng/ul	97
61) Fluorene	15.41	166	4168256	135.331 ng/ul	97
62) 4-Chlorophenyl-phenylether	15.40	204	1999120	132.281 ng/ul	97
63) 4-Nitroaniline	15.45	138	899146	171.909 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.50	198	843353	158.086 ng/ul#	91
67) N-Nitrosodiphenylamine	15.62	169	3936947	140.738 ng/ul	98
68) 4-Bromophenyl-phenylether	16.30	248	1385244	145.469 ng/ul	98
69) Hexachlorobenzene	16.41	284	1574149	144.371 ng/ul	95
70) Atrazine	16.58	200	1449968	158.402 ng/ul	99
71) Pentachlorophenol	16.75	266	998463	171.579 ng/ul	97
72) Phenanthrene	17.15	178	7061418	140.055 ng/ul	98
74) Anthracene	17.24	178	7045412	139.199 ng/ul	95
75) 1,2,3,4-Tetrachlorobenzene	13.15	216	2097861	146.313 ng/uL	96
76) Pentachlorobenzene	14.67	250	1985393	145.559 ng/uL	98
77) Carbazole	17.50	167	6599364	156.032 ng/ul	98
78) Di-n-butylphthalate	18.07	149	8109202	168.666 ng/ul	99
80) Fluoranthene	19.16	202	7709222	129.782 ng/ul	98
82) Pyrene	19.53	202	7832539	128.429 ng/ul	98
83) Butylbenzylphthalate	20.42	149	3756020	185.069 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.20	252	1820893	133.433 ng/ul	99
85) Benzo(a)anthracene	21.26	228	7667495	149.986 ng/ul	94
86) Bis(2-ethylhexyl)phthalate	21.20	149	4805650	168.356 ng/ul	96
87) Chrysene	21.32	228	6973094	138.571 ng/ul	96
89) Di-n-octyl phthalate	22.07	149	9176082	178.800 ng/ul	100
90) Benzo(b)fluoranthene	22.85	252	8306747	152.264 ng/ul	98
91) Benzo(k)fluoranthene	22.90	252	7657071	141.785 ng/ul	99
93) Benzo(a)pyrene	23.43	252	7335055	146.328 ng/ul	95
94) Indeno(1,2,3-cd)pyrene	25.77	276	5670632	91.227 ng/ul	97
95) Dibenzo(a,h)anthracene	25.80	278	7777589	149.780 ng/ul	99
96) Benzo(g,h,i)perylene	26.47	276	8263603	159.929 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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