Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN011521\
Data File : BN013417.D
Acq On : 15 Jan 2021 17:12
Operator : CG/JU
Sample : SSTD16051
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD160051

Quant Time: Jan 15 17:41:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 15:56:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	470724	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1935383	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	1131525	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.98	188	2297390	20.00	ng/ul	0.00
79) Chrysene-d12	21.19	240	1949078	20.00	ng/ul	0.02
88) Perylene-d12	23.37	264	2235921	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	731985	59.27	ng/uL	0.00
4) Pyridine-d5	3.57	84	4857679	157.57	ng/ul	0.00
7) Phenol-d5	6.79	99	6065720	153.44	ng/ul	0.02
9) Bis-(2-Chloroethyl)ether-d	6.95	67	3323634	150.97	ng/ul	0.01
11) 2-Chlorophenol-d4	7.14	132	5154316	149.69	ng/ul	0.01
15) 4-Methylphenol-d8	8.31	113	4858117	152.13	ng/ul	0.02
21) Nitrobenzene-d5	8.75	128	2523216	163.68	ng/ul	0.01
24) 2-Nitrophenol-d4	9.46	143	2833169	178.27	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	9.99	165	4783533	152.37	ng/ul	0.02
31) 4-Chloroaniline-d4	10.50	131	6625232	154.23	ng/ul	0.01
46) Dimethylphthalate-d6	13.66	166	12238537	139.86	ng/ul	0.02
49) Acenaphthylene-d8	13.93	160	14860528	137.64	ng/ul	0.01
54) 4-Nitrophenol-d4	14.47	143	2678302	167.56	ng/ul	0.04
60) Fluorene-d10	15.23	176	10015934	132.30	ng/ul	0.01
65) 4,6-Dinitro-2-methylphenol	15.37	200	2305657	203.90	ng/ul	0.03
73) Anthracene-d10	17.09	188	14542052	130.32	ng/ul	0.01
81) Pyrene-d10	19.39	212	15123661	144.06	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.25	264	16913626	144.86	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	745856	60.784	ng/uL	99
5) Pyridine	3.59	79	4812687	155.087	ng/ul	97
6) Benzaldehyde	6.75	77	1743881	117.502	ng/ul	98
8) Phenol	6.82	94	6003025	150.126	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.04	93	4769881	150.533	ng/ul	98
12) 2-Chlorophenol	7.17	128	5103497	145.451	ng/ul	98
13) 2-Methylphenol	8.04	108	4678009	151.849	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.13	45	6495485	146.292	ng/ul	98
16) Acetophenone	8.42	105	6781001	144.684	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.44	70	3091702	132.954	ng/ul	94
18) 4-Methylphenol	8.39	108	5000868	151.215	ng/ul	98
19) Hexachloroethane	8.66	117	2108788	153.166	ng/ul	98
22) Nitrobenzene	8.79	77	5133025	148.562	ng/ul	99
23) Isophorone	9.33	82	9682457	148.192	ng/ul	98
25) 2-Nitrophenol	9.49	139	2927047	165.438	ng/ul	97
26) 2,4-Dimethylphenol	9.56	107	5199431	145.538	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.80	93	6134608	145.155	ng/ul	99
29) 2,4-Dichlorophenol	10.02	162	4537351	146.803	ng/ul	99
30) Naphthalene	10.42	128	15055231	138.639	ng/ul	98
32) 4-Chloroaniline	10.53	127	6182308	151.203	ng/ul	99
33) Hexachlorobutadiene	10.70	225	2803706	145.115	ng/ul	96
34) Caprolactam	11.36	113	900476	94.478	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.68	107	4893716	147.833 ng/ul	97
36) 2-Methylnaphthalene	12.03	142	10227884	136.971 ng/ul	98
37) 1-Methylnaphthalene	12.26	142	9818918	136.421 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	4742443	139.267 ng/ul	95
40) Hexachlorocyclopentadiene	12.39	237	3276646	184.678 ng/ul	97
41) 2,4,6-Trichlorophenol	12.66	196	3490407	155.433 ng/ul	99
42) 2,4,5-Trichlorophenol	12.73	196	3779336	158.155 ng/ul	100
43) 1,1'-Biphenyl	13.07	154	12328111	135.263 ng/ul	97
44) 2-Chloronaphthalene	13.10	162	9959255	138.747 ng/ul	97
45) 2-Nitroaniline	13.32	65	2974674	162.629 ng/ul	94
47) Dimethylphthalate	13.71	163	12224912	136.151 ng/ul	98
48) 2,6-Dinitrotoluene	13.83	165	2911025	170.938 ng/ul	99
50) Acenaphthylene	13.96	152	13808267	126.528 ng/ul#	91
51) 3-Nitroaniline	14.15	138	2634102	167.688 ng/ul	95
52) Acenaphthene	14.30	153	10375866	134.758 ng/ul	98
53) 2,4-Dinitrophenol	14.36	184	1853410	242.848 ng/ul	96
55) 4-Nitrophenol	14.49	109	1871522	155.503 ng/ul	95
56) Dibenzofuran	14.64	168	13412436	127.231 ng/ul	93
57) 2,4-Dinitrotoluene	14.62	165	3900063	160.726 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.87	232	3086495	152.957 ng/ul	99
59) Diethylphthalate	15.09	149	12560166	137.597 ng/ul	99
61) Fluorene	15.30	166	9757502	114.256 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.29	204	4691169	113.953 ng/ul	92
63) 4-Nitroaniline	15.33	138	2161557	146.509 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.39	198	2400205	190.755 ng/ul	96
67) N-Nitrosodiphenylamine	15.51	169	9727269	134.376 ng/ul	96
68) 4-Bromophenyl-phenylether	16.19	248	3622883	143.275 ng/ul	96
69) Hexachlorobenzene	16.29	284	4009873	139.880 ng/ul	98
70) Atrazine	16.48	200	3703757	149.785 ng/ul	99
71) Pentachlorophenol	16.63	266	2699116	168.840 ng/ul	99
72) Phenanthrene	17.03	178	16047216	120.387 ng/ul#	86
74) Anthracene	17.12	178	14918119	109.663 ng/ul#	86
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	4953070	148.740 ng/uL	98
76) Pentachlorobenzene	14.56	250	4703051	141.552 ng/uL	97
77) Carbazole	17.39	167	15491175	140.294 ng/ul#	91
80) Fluoranthene	19.05	202	16224152	120.797 ng/ul#	94
82) Pyrene	19.42	202	15247344	110.738 ng/ul#	89
83) Butylbenzylphthalate	20.34	149	9514029	160.765 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.11	252	5454641	147.983 ng/ul	98
85) Benzo(a)anthracene	21.17	228	16227556	126.136 ng/ul	91
86) Bis(2-ethylhexyl)phthalate	21.12	149	11229682	128.094 ng/ul	95
87) Chrysene	21.23	228	14843253	117.822 ng/ul#	82
89) Di-n-octyl phthalate	21.93	149	18318	0.132 ng/ul	100
90) Benzo(b)fluoranthene	22.73	252	20946024	146.916 ng/ul	100
91) Benzo(k)fluoranthene	22.77	252	16108180	118.621 ng/ul	95
93) Benzo(a)pyrene	23.30	252	17637984	136.458 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.58	276	21102790	130.345 ng/ul	99
95) Dibenzo(a,h)anthracene	25.61	278	16429270	121.085 ng/ul	97
96) Benzo(g,h,i)perylene	26.26	276	18383750	133.996 ng/ul	99

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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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