Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041521\
Data File : BN014294.D
Acq On : 15 Apr 2021 21:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020055

Quant Time: Apr 16 01:31:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 15 15:18:04 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	157756	20.00	ng/ul	0.00
20) Naphthalene-d8	10.47	136	635106	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.33	164	376249	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.08	188	761785	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	803738	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	820445	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	30931	7.46	ng/uL	0.00
4) Pyridine-d5	3.62	84	201193	18.32	ng/ul	0.00
7) Phenol-d5	6.86	99	245335	18.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.03	67	149146	18.89	ng/ul	0.00
11) 2-Chlorophenol-d4	7.23	132	203355	19.60	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	187579	18.76	ng/ul	0.00
21) Nitrobenzene-d5	8.85	128	89387	19.48	ng/ul	0.00
24) 2-Nitrophenol-d4	9.56	143	88002	19.58	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.09	165	188292	19.45	ng/ul	0.00
31) 4-Chloroaniline-d4	10.61	131	268621	18.70	ng/ul	0.00
46) Dimethylphthalate-d6	13.75	166	513563	18.84	ng/ul	0.00
49) Acenaphthylene-d8	14.02	160	629908	19.21	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	93068	17.60	ng/ul	0.00
60) Fluorene-d10	15.33	176	458231	19.02	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.45	200	66535	16.32	ng/ul	0.00
73) Anthracene-d10	17.17	188	676603	19.03	ng/ul	0.00
81) Pyrene-d10	19.47	212	769507	19.72	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	835003	19.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	32208	7.628	ng/uL	98
5) Pyridine	3.64	79	208275	18.456	ng/ul	99
6) Benzaldehyde	6.85	77	157015	23.580	ng/ul	98
8) Phenol	6.89	94	266248	18.781	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.13	93	212324	19.043	ng/ul	99
12) 2-Chlorophenol	7.26	128	217821	19.640	ng/ul	98
13) 2-Methylphenol	8.13	108	192545	18.730	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.23	45	235201	19.084	ng/ul	100
16) Acetophenone	8.51	105	324381	19.305	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.50	70	153521	19.650	ng/ul	98
18) 4-Methylphenol	8.46	108	212798	19.114	ng/ul	100
19) Hexachloroethane	8.77	117	89650	19.230	ng/ul	97
22) Nitrobenzene	8.89	77	238998	19.686	ng/ul	99
23) Isophorone	9.41	82	399668	19.575	ng/ul	99
25) 2-Nitrophenol	9.59	139	104140	19.611	ng/ul	99
26) 2,4-Dimethylphenol	9.66	107	229118	19.380	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.89	93	267492	19.230	ng/ul	98
29) 2,4-Dichlorophenol	10.12	162	194391	19.565	ng/ul	100
30) Naphthalene	10.52	128	682818	19.398	ng/ul	99
32) 4-Chloroaniline	10.63	127	274712	18.588	ng/ul	99
33) Hexachlorobutadiene	10.82	225	124935	19.259	ng/ul	94
34) Caprolactam	11.39	113	49143	17.745	ng/ul	98

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35) 4-Chloro-3-methylphenol	11.76	107	190455	19.393	ng/ul	96
36) 2-Methylnaphthalene	12.14	142	464945	19.385	ng/ul	99
37) 1-Methylnaphthalene	12.36	142	466029	19.513	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	242623	19.052	ng/ul	94
40) Hexachlorocyclopentadiene	12.50	237	128411	16.238	ng/ul	91
41) 2,4,6-Trichlorophenol	12.76	196	141590	19.237	ng/ul	100
42) 2,4,5-Trichlorophenol	12.82	196	151283	18.521	ng/ul	99
43) 1,1'-Biphenyl	13.16	154	581300	18.785	ng/ul	98
44) 2-Chloronaphthalene	13.20	162	454283	18.780	ng/ul	99
45) 2-Nitroaniline	13.40	65	106804	19.046	ng/ul	97
47) Dimethylphthalate	13.79	163	538681	19.037	ng/ul	100
48) 2,6-Dinitrotoluene	13.91	165	95739	19.293	ng/ul	98
50) Acenaphthylene	14.05	152	659742	18.910	ng/ul	99
51) 3-Nitroaniline	14.23	138	109033	17.832	ng/ul	99
52) Acenaphthene	14.40	153	477694	18.771	ng/ul	99
53) 2,4-Dinitrophenol	14.44	184	43341	14.963	ng/ul	95
55) 4-Nitrophenol	14.54	109	80874	17.854	ng/ul	95
56) Dibenzofuran	14.73	168	674187	19.036	ng/ul	100
57) 2,4-Dinitrotoluene	14.69	165	141980	19.805	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.96	232	121936	18.975	ng/ul	98
59) Diethylphthalate	15.16	149	528419	18.256	ng/ul	99
61) Fluorene	15.38	166	544249	18.957	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.38	204	267668	18.933	ng/ul	99
63) 4-Nitroaniline	15.40	138	116334	19.546	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.46	198	72147	16.712	ng/ul#	95
67) N-Nitrosodiphenylamine	15.59	169	453089	19.116	ng/ul	99
68) 4-Bromophenyl-phenylether	16.27	248	151214	18.763	ng/ul	96
69) Hexachlorobenzene	16.39	284	183427	19.067	ng/ul	97
70) Atrazine	16.55	200	151231	17.954	ng/ul	97
71) Pentachlorophenol	16.73	266	95074	16.998	ng/ul	89
72) Phenanthrene	17.12	178	843881	18.974	ng/ul	99
74) Anthracene	17.21	178	871889	19.299	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.13	216	239117	19.061	ng/uL	96
76) Pentachlorobenzene	14.65	250	240007	19.250	ng/uL	96
77) Carbazole	17.48	167	746236	18.260	ng/ul	97
78) Di-n-butylphthalate	18.06	149	828955	18.747	ng/ul	99
80) Fluoranthene	19.14	202	960090	19.474	ng/ul	99
82) Pyrene	19.50	202	1018577	19.403	ng/ul	99
83) Butylbenzylphthalate	20.42	149	342940	19.896	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.19	252	309268	21.515	ng/ul	93
85) Benzo(a)anthracene	21.26	228	1021430	19.668	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.20	149	562825	20.034	ng/ul	99
87) Chrysene	21.31	228	1006886	20.002	ng/ul	98
89) Di-n-octyl phthalate	22.08	149	918318	17.927	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	1079283	19.663	ng/ul	99
91) Benzo(k)fluoranthene	22.88	252	1030300	18.856	ng/ul	99
93) Benzo(a)pyrene	23.41	252	945677	19.474	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.75	276	1247617	19.384	ng/ul	99
95) Dibenzo(a,h)anthracene	25.76	278	1061328	19.974	ng/ul	98
96) Benzo(g,h,i)perylene	26.43	276	1014246	19.499	ng/ul	96

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

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