Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013851.D
Acq On : 05 Mar 2021 02:08
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02059

Quant Time: Mar 05 02:37:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 00:15:11 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	170259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	705518	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	421142	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	856276	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	847568	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	874741	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	34108	7.95	ng/uL	0.00
5) Phenol-d5	6.89	99	271265	19.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	167235	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	213903	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	204917	19.65	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	95427	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	92223	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	200705	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	275339	22.57	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	571532	20.21	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	746953	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	103030	19.42	ng/ul	0.00
58) Fluorene-d10	15.35	176	496552	19.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	71254	17.90	ng/ul	0.00
71) Anthracene-d10	17.20	188	762221	20.37	ng/ul	0.00
79) Pyrene-d10	19.49	212	832872	20.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	844794	19.40	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	35052	8.051	ng/uL	99
4) Benzaldehyde	6.86	77	175379	25.305	ng/ul	98
6) Phenol	6.91	94	293874	19.913	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	230428	19.965	ng/ul	99
10) 2-Chlorophenol	7.29	128	229899	20.495	ng/ul	97
11) 2-Methylphenol	8.16	108	211573	19.873	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	343082	19.466	ng/ul	97
14) Acetophenone	8.53	105	351972	20.485	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	170298	19.974	ng/ul	97
16) 4-Methylphenol	8.48	108	236851	20.504	ng/ul	98
17) Hexachloroethane	8.79	117	94026	19.760	ng/ul	99
20) Nitrobenzene	8.91	77	257606	19.947	ng/ul	99
21) Isophorone	9.43	82	449543	19.851	ng/ul	100
23) 2-Nitrophenol	9.62	139	110592	20.961	ng/ul	94
24) 2,4-Dimethylphenol	9.68	107	251030	20.203	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	298154	19.720	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	205118	20.232	ng/ul	98
28) Naphthalene	10.55	128	725301	19.830	ng/ul	99
30) 4-Chloroaniline	10.66	127	291628	23.010	ng/ul	98
31) Hexachlorobutadiene	10.85	225	126991	19.671	ng/ul	97
32) Caprolactam	11.40	113	55942	18.232	ng/ul	96
33) 4-Chloro-3-methylphenol	11.78	107	212312	20.548	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	499960	20.008	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	482310	20.026	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	246773	19.463	ng/ul	97
38) Hexachlorocyclopentadiene	12.52	237	141502	18.743	ng/ul	99
39) 2,4,6-Trichlorophenol	12.78	196	144710	19.774	ng/ul	98
40) 2,4,5-Trichlorophenol	12.85	196	163611	20.378	ng/ul	100
41) 1,1'-Biphenyl	13.19	154	628680	19.852	ng/ul	98
42) 2-Chloronaphthalene	13.23	162	493249	19.923	ng/ul	98
43) 2-Nitroaniline	13.43	65	130897	20.393	ng/ul	99
45) Dimethylphthalate	13.82	163	595525	20.353	ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	107730	20.544	ng/ul	97
48) Acenaphthylene	14.07	152	727636	20.067	ng/ul	99
49) 3-Nitroaniline	14.26	138	121244	21.261	ng/ul	97
50) Acenaphthene	14.42	153	523763	19.801	ng/ul	97
51) 2,4-Dinitrophenol	14.46	184	46123	16.708	ng/ul	95
53) 4-Nitrophenol	14.56	109	84822	19.850	ng/ul	97
54) Dibenzofuran	14.76	168	724342	19.865	ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	158467	21.153	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.98	232	126630	20.432	ng/ul	97
57) Diethylphthalate	15.19	149	591877	20.239	ng/ul	99
59) Fluorene	15.40	166	590628	19.905	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.40	204	286388	20.117	ng/ul	97
61) 4-Nitroaniline	15.42	138	134090	20.526	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.48	198	76946	18.353	ng/ul	98
65) N-Nitrosodiphenylamine	15.62	169	504988	20.478	ng/ul	98
66) 4-Bromophenyl-phenylether	16.30	248	165773	20.211	ng/ul	95
67) Hexachlorobenzene	16.40	284	189603	19.353	ng/ul	92
68) Atrazine	16.57	200	164921	19.354	ng/ul	92
69) Pentachlorophenol	16.75	266	93061	18.027	ng/ul	97
70) Phenanthrene	17.14	178	927879	20.000	ng/ul	97
72) Anthracene	17.23	178	938323	19.896	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	243796	19.443	ng/uL	99
74) Pentachlorobenzene	14.67	250	231543	19.602	ng/uL	95
75) Carbazole	17.50	167	830780	19.744	ng/ul	100
76) Di-n-butylphthalate	18.07	149	945453	20.081	ng/ul	100
77) Fluoranthene	19.16	202	1043901	20.350	ng/ul	98
80) Pyrene	19.52	202	1090260	19.977	ng/ul	99
81) Butylbenzylphthalate	20.43	149	377135	20.074	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.20	252	331791	20.859	ng/ul	98
83) Benzo(a)anthracene	21.26	228	1041592	19.966	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	625822	19.907	ng/ul	100
85) Chrysene	21.31	228	1009009	19.871	ng/ul	94
87) Di-n-octyl phthalate	22.08	149	1001510	18.323	ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	1043930	19.644	ng/ul	96
89) Benzo(k)fluoranthene	22.88	252	1068338	20.039	ng/ul	99
91) Benzo(a)pyrene	23.41	252	951049	19.744	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.74	276	1200247	19.939	ng/ul	98
93) Dibenzo(a,h)anthracene	25.76	278	991300	19.314	ng/ul	98
94) Benzo(g,h,i)perylene	26.43	276	988292	19.547	ng/ul	99

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

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