Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
Data File : BN011424.D
Acq On : 14 Aug 2020 11:58
Operator : CG/JU
Sample : SSTD02053
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02053

Manual Integrations APPROVED
mohammad
8/18/2020 1:42:44 PM

Quant Time: Aug 14 14:12:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 13:27:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	128852	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	490904	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	313261	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	642283	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	716066	20.00	ng/ul	0.00
86) Perylene-d12	23.16	264	714792	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	21349	6.33	ng/uL	0.00
5) Phenol-d5	6.64	99	172428	16.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	90875	16.60	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	155743	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	137771	16.31	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	73026	18.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	78494	18.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	157043	19.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	176491	20.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	448233	17.64	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	542448	17.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	73457	16.18	ng/ul	0.00
58) Fluorene-d10	15.07	176	397803	17.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.21	200	74411	18.99	ng/ul	0.00
71) Anthracene-d10	16.93	188	614662	19.66	ng/ul	0.00
79) Pyrene-d10	19.23	212	709866	19.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	740115	19.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	27878	7.837	ng/uL	100
4) Benzaldehyde	6.60	77	114077	21.906	ng/ul	100
6) Phenol	6.67	94	179872	16.019	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.89	93	143900	17.353	ng/ul	100
10) 2-Chlorophenol	7.02	128	163177	16.799	ng/ul	100
11) 2-Methylphenol	7.89	108	141770	16.933	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.97	45	77731	14.016	ng/ul	100
14) Acetophenone	8.25	105	233549	16.176	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.25	70	103286	14.022	ng/ul	100
16) 4-Methylphenol	8.21	108	150363	16.276	ng/ul	100
17) Hexachloroethane	8.49	117	74380	17.595	ng/ul	100
20) Nitrobenzene	8.62	77	174147	16.823	ng/ul	100
21) Isophorone	9.14	82	299102	16.907	ng/ul	100
23) 2-Nitrophenol	9.32	139	87384	18.327	ng/ul	100
24) 2,4-Dimethylphenol	9.39	107	170572	17.156	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.63	93	184700	17.250	ng/ul	100
27) 2,4-Dichlorophenol	9.85	162	156284	18.249	ng/ul	100
28) Naphthalene	10.23	128	515912	17.928	ng/ul	100
30) 4-Chloroaniline	10.36	127	180567	19.977	ng/ul	100
31) Hexachlorobutadiene	10.53	225	123165	20.771	ng/ul	100
32) Caprolactam	11.15	113	38541m	16.755	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	141727	15.429	ng/ul	100
34) 2-Methylnaphthalene	11.85	142	354332	16.980	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.07	142	347884	17.943	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	205372	19.145	ng/ul	100
38) Hexachlorocyclopentadiene	12.22	237	133297	20.167	ng/ul	100
39) 2,4,6-Trichlorophenol	12.49	196	122140	17.890	ng/ul	100
40) 2,4,5-Trichlorophenol	12.56	196	128041	16.740	ng/ul	100
41) 1,1'-Biphenyl	12.89	154	469575	17.653	ng/ul	100
42) 2-Chloronaphthalene	12.93	162	380986	18.052	ng/ul	100
43) 2-Nitroaniline	13.15	65	77218	14.450	ng/ul	100
45) Dimethylphthalate	13.55	163	457249	17.038	ng/ul	100
46) 2,6-Dinitrotoluene	13.66	165	91236	17.156	ng/ul	100
48) Acenaphthylene	13.79	152	571424	17.949	ng/ul	100
49) 3-Nitroaniline	13.99	138	82173	16.744	ng/ul	100
50) Acenaphthene	14.13	153	386922	17.304	ng/ul	100
51) 2,4-Dinitrophenol	14.20	184	43198	14.084	ng/ul	100
53) 4-Nitrophenol	14.31	109	70709	16.225	ng/ul	100
54) Dibenzofuran	14.47	168	571793	17.844	ng/ul	100
55) 2,4-Dinitrotoluene	14.46	165	131550	16.951	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.71	232	115174	18.021	ng/ul	100
57) Diethylphthalate	14.93	149	462932	17.511	ng/ul	100
59) Fluorene	15.13	166	468210	17.351	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.13	204	242586	17.975	ng/ul	100
61) 4-Nitroaniline	15.16	138	78772	13.594	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.22	198	81262	19.907	ng/ul	100
65) N-Nitrosodiphenylamine	15.35	169	383254	19.004	ng/ul	100
66) 4-Bromophenyl-phenylether	16.03	248	158719	22.472	ng/ul	100
67) Hexachlorobenzene	16.14	284	170535	21.759	ng/ul	100
68) Atrazine	16.32	200	146591	21.416	ng/ul	100
69) Pentachlorophenol	16.49	266	82500	17.803	ng/ul	100
70) Phenanthrene	16.87	178	740416	19.039	ng/ul	100
72) Anthracene	16.96	178	775613	19.641	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	201320	21.307	ng/uL	100
74) Pentachlorobenzene	14.40	250	195208	21.522	ng/uL	100
75) Carbazole	17.24	167	611017	18.157	ng/ul	100
76) Di-n-butylphthalate	17.82	149	731800	18.233	ng/ul	100
77) Fluoranthene	18.90	202	1030789	23.522	ng/ul	100
80) Pyrene	19.26	202	995307	20.614	ng/ul	100
81) Butylbenzylphthalate	20.20	149	308700	16.756	ng/ul	100
82) 3,3'-Dichlorobenzidine	20.97	252	263655	17.547	ng/ul	100
83) Benzo(a)anthracene	21.03	228	902867	17.871	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	498196	17.011	ng/ul	100
85) Chrysene	21.08	228	901799	18.559	ng/ul	100
87) Di-n-octyl phthalate	21.85	149	804429	17.301	ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	932242	19.023	ng/ul	100
89) Benzo(k)fluoranthene	22.58	252	952911	19.320	ng/ul	100
91) Benzo(a)pyrene	23.07	252	874438	20.232	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.21	276	1108844	21.685	ng/ul	100
93) Dibenzo(a,h)anthracene	25.22	278	931484	21.697	ng/ul	100
94) Benzo(g,h,i)perylene	25.83	276	936405	22.669	ng/ul	100

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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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