Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102220\
Data File : BN012389.D
Acq On : 22 Oct 2020 16:17
Operator : CG/JU
Sample : SSTD08053
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08053

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Quant Time: Oct 22 16:48:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 22 15:51:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	142120	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	595851	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	384191	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	840021	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	862404	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	861382	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	124045	40.21	ng/uL	0.00
5) Phenol-d5	6.76	99	1084155	84.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	617528	81.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	855526	85.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	872323	85.01	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	415093	82.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	490249	86.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	890499	87.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	903365	72.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	2568953	82.40	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	3210152	85.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	515456	86.60	ng/ul	0.02
58) Fluorene-d10	15.23	176	2283562	85.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	493234	83.80	ng/ul	0.01
71) Anthracene-d10	17.08	188	3508225	85.00	ng/ul	0.00
79) Pyrene-d10	19.38	212	3820611	81.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	4087240	82.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	132069	36.211	ng/uL	96
4) Benzaldehyde	6.73	77	612062	83.574	ng/ul	94
6) Phenol	6.79	94	1096736	81.917	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	822437	78.866	ng/ul	99
10) 2-Chlorophenol	7.15	128	856886	82.644	ng/ul	99
11) 2-Methylphenol	8.03	108	832458	83.693	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	1085762	78.330	ng/ul	98
14) Acetophenone	8.40	105	1348394	84.888	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	696370	83.618	ng/ul	98
16) 4-Methylphenol	8.36	108	892004	82.846	ng/ul	95
17) Hexachloroethane	8.65	117	364171	80.243	ng/ul	97
20) Nitrobenzene	8.78	77	1072961	81.558	ng/ul	97
21) Isophorone	9.30	82	1888096	80.335	ng/ul	99
23) 2-Nitrophenol	9.48	139	503158	82.468	ng/ul	96
24) 2,4-Dimethylphenol	9.55	107	1021591	82.954	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.78	93	1147189	80.003	ng/ul	96
27) 2,4-Dichlorophenol	10.01	162	851387	83.920	ng/ul	97
28) Naphthalene	10.40	128	2761334	79.783	ng/ul	99
30) 4-Chloroaniline	10.52	127	850771	68.272	ng/ul	99
31) Hexachlorobutadiene	10.69	225	515568	79.603	ng/ul	93
32) Caprolactam	11.32	113	270650m	82.402	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	975431	84.887	ng/ul	99
34) 2-Methylnaphthalene	12.02	142	2023379	84.946	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.25	142	2382950	101.167 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	945890	78.810 ng/ul	96
38) Hexachlorocyclopentadiene	12.38	237	636499	77.557 ng/ul	97
39) 2,4,6-Trichlorophenol	12.65	196	682443	82.751 ng/ul	99
40) 2,4,5-Trichlorophenol	12.72	196	742603	86.263 ng/ul	90
41) 1,1'-Biphenyl	13.06	154	2621978	80.992 ng/ul	99
42) 2-Chloronaphthalene	13.09	162	2064962	81.395 ng/ul	99
43) 2-Nitroaniline	13.31	65	680752	87.352 ng/ul	97
45) Dimethylphthalate	13.69	163	2597312	79.929 ng/ul	98
46) 2,6-Dinitrotoluene	13.82	165	562351	84.140 ng/ul	99
48) Acenaphthylene	13.95	152	3103426	79.614 ng/ul	100
49) 3-Nitroaniline	14.15	138	447357	74.120 ng/ul	98
50) Acenaphthene	14.29	153	2266131	82.528 ng/ul	97
51) 2,4-Dinitrophenol	14.35	184	360699	85.950 ng/ul	91
53) 4-Nitrophenol	14.46	109	450003	88.241 ng/ul	97
54) Dibenzofuran	14.63	168	3127694	83.681 ng/ul	98
55) 2,4-Dinitrotoluene	14.61	165	827524	86.444 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.86	232	631461	85.172 ng/ul	96
57) Diethylphthalate	15.07	149	2685570	81.541 ng/ul	99
59) Fluorene	15.29	166	2644483	84.124 ng/ul	91
60) 4-Chlorophenyl-phenylether	15.28	204	1282536	83.607 ng/ul	92
61) 4-Nitroaniline	15.32	138	544346	83.811 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.37	198	502741	78.640 ng/ul#	94
65) N-Nitrosodiphenylamine	15.50	169	2206633	81.205 ng/ul	95
66) 4-Bromophenyl-phenylether	16.17	248	780418	83.258 ng/ul	96
67) Hexachlorobenzene	16.29	284	925422	81.844 ng/ul	94
68) Atrazine	16.46	200	784581	77.760 ng/ul	95
69) Pentachlorophenol	16.63	266	572871	83.417 ng/ul	91
70) Phenanthrene	17.02	178	4161925	80.575 ng/ul	97
72) Anthracene	17.11	178	4235305	81.496 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	955999	79.100 ng/uL	90
74) Pentachlorobenzene	14.55	250	995048	80.153 ng/uL	91
75) Carbazole	17.39	167	3698384	80.282 ng/ul	99
76) Di-n-butylphthalate	17.96	149	4793595	80.641 ng/ul	99
77) Fluoranthene	19.05	202	4918045	83.013 ng/ul	97
80) Pyrene	19.41	202	5034891	77.230 ng/ul	98
81) Butylbenzylphthalate	20.33	149	2228478	76.272 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.11	252	1473013	67.132 ng/ul	91
83) Benzo(a)anthracene	21.17	228	4695878	79.350 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	3382516	75.393 ng/ul	97
85) Chrysene	21.22	228	4466720	77.006 ng/ul	97
87) Di-n-octyl phthalate	21.97	149	5626104	78.603 ng/ul	100
88) Benzo(b)fluoranthene	22.71	252	4986396	82.420 ng/ul	100
89) Benzo(k)fluoranthene	22.76	252	4738749	80.674 ng/ul	99
91) Benzo(a)pyrene	23.27	252	4534860	81.782 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.53	276	5583039	79.046 ng/ul	97
93) Dibenzo(a,h)anthracene	25.54	278	4777615	80.007 ng/ul	98
94) Benzo(g,h,i)perylene	26.20	276	4708199	80.137 ng/ul	98

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

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