Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102220\
Data File : BN012386.D
Acq On : 22 Oct 2020 14:28
Operator : CG/JU
Sample : SSTD01056
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD01056

Quant Time: Oct 22 15:55:07 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	193817	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	810538	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	537955	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	1208761	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	1233319	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	1405027	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	22066	5.24	ng/uL	0.00
5) Phenol-d5	6.76	99	172472	9.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	106621	10.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	141338	10.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	142108	10.15	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	65654	9.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	71677	9.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	142028	10.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	128374	7.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	443219	10.15	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	517306	9.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	73752	8.85	ng/ul	0.00
58) Fluorene-d10	15.22	176	388564	10.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	75089	8.87	ng/ul	0.00
71) Anthracene-d10	17.07	188	610179	10.27	ng/ul	0.00
79) Pyrene-d10	19.37	212	661907	9.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	755163	9.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	21630	4.349	ng/uL	88
4) Benzaldehyde	6.73	77	104636	10.477	ng/ul	96
6) Phenol	6.79	94	175018	9.586	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	141210	9.929	ng/ul	94
10) 2-Chlorophenol	7.15	128	144913	10.248	ng/ul	95
11) 2-Methylphenol	8.02	108	130149	9.595	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.12	45	185971	9.838	ng/ul	98
14) Acetophenone	8.40	105	227134	10.485	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	117549	10.350	ng/ul	97
16) 4-Methylphenol	8.35	108	145260	9.893	ng/ul	94
17) Hexachloroethane	8.65	117	61595	9.952	ng/ul	91
20) Nitrobenzene	8.77	77	181386	10.136	ng/ul	98
21) Isophorone	9.30	82	307362	9.614	ng/ul	100
23) 2-Nitrophenol	9.48	139	79225	9.546	ng/ul	93
24) 2,4-Dimethylphenol	9.54	107	173906	10.381	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.78	93	190258	9.754	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	136385	9.883	ng/ul	92
28) Naphthalene	10.40	128	469448	9.971	ng/ul	97
30) 4-Chloroaniline	10.52	127	126408	7.457	ng/ul	99
31) Hexachlorobutadiene	10.69	225	90186	10.236	ng/ul	93
32) Caprolactam	11.31	113	41393	9.264	ng/ul	90
33) 4-Chloro-3-methylphenol	11.65	107	157045	10.047	ng/ul	95
34) 2-Methylnaphthalene	12.02	142	327195	10.098	ng/ul	95

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35) 1-Methylnaphthalene	12.25	142	395792	12.353 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	167696	9.979 ng/ul	94
38) Hexachlorocyclopentadiene	12.37	237	95557	8.315 ng/ul	94
39) 2,4,6-Trichlorophenol	12.64	196	108937	9.434 ng/ul	96
40) 2,4,5-Trichlorophenol	12.72	196	117357	9.736 ng/ul	98
41) 1,1'-Biphenyl	13.05	154	444867	9.814 ng/ul	97
42) 2-Chloronaphthalene	13.09	162	351960	9.908 ng/ul	97
43) 2-Nitroaniline	13.30	65	100911	9.248 ng/ul	91
45) Dimethylphthalate	13.69	163	441587	9.705 ng/ul#	98
46) 2,6-Dinitrotoluene	13.81	165	88990	9.509 ng/ul	96
48) Acenaphthylene	13.95	152	535896	9.818 ng/ul	98
49) 3-Nitroaniline	14.14	138	61469	7.273 ng/ul	99
50) Acenaphthene	14.29	153	385808	10.034 ng/ul	99
51) 2,4-Dinitrophenol	14.35	184	44087	7.503 ng/ul#	89
53) 4-Nitrophenol	14.45	109	76427	10.703 ng/ul	92
54) Dibenzofuran	14.63	168	537871	10.277 ng/ul	99
55) 2,4-Dinitrotoluene	14.60	165	130127	9.708 ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	14.86	232	101897	9.815 ng/ul	99
57) Diethylphthalate	15.06	149	467738	10.142 ng/ul	99
59) Fluorene	15.28	166	453820	10.310 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.28	204	221881	10.330 ng/ul	93
61) 4-Nitroaniline	15.30	138	79542	8.746 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.36	198	78829	8.569 ng/ul#	89
65) N-Nitrosodiphenylamine	15.49	169	380253	9.725 ng/ul	98
66) 4-Bromophenyl-phenylether	16.17	248	135116	10.017 ng/ul	97
67) Hexachlorobenzene	16.28	284	157735	9.694 ng/ul	99
68) Atrazine	16.45	200	133084	9.166 ng/ul	94
69) Pentachlorophenol	16.63	266	83572	8.457 ng/ul	88
70) Phenanthrene	17.02	178	726795	9.778 ng/ul	98
72) Anthracene	17.10	178	741307	9.913 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	165177	9.498 ng/uL	93
74) Pentachlorobenzene	14.55	250	176201	9.864 ng/uL	95
75) Carbazole	17.38	167	616561	9.301 ng/ul	97
76) Di-n-butylphthalate	17.95	149	786439	9.194 ng/ul	99
77) Fluoranthene	19.04	202	822318	9.646 ng/ul	97
80) Pyrene	19.41	202	905186	9.709 ng/ul	98
81) Butylbenzylphthalate	20.33	149	352160	8.428 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.10	252	229735	7.321 ng/ul	96
83) Benzo(a)anthracene	21.16	228	870891	10.290 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.11	149	539266	8.405 ng/ul	98
85) Chrysene	21.22	228	837995	10.102 ng/ul	98
87) Di-n-octyl phthalate	21.97	149	918426	7.867 ng/ul	100
88) Benzo(b)fluoranthene	22.70	252	915446	9.277 ng/ul	98
89) Benzo(k)fluoranthene	22.75	252	881755	9.203 ng/ul	98
91) Benzo(a)pyrene	23.26	252	826850	9.142 ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.52	276	1056017	9.166 ng/ul	96
93) Dibenzo(a,h)anthracene	25.52	278	879604	9.031 ng/ul	99
94) Benzo(g,h,i)perylene	26.17	276	886500	9.251 ng/ul	96

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

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