Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101720\
Data File : BN012291.D
Acq On : 17 Oct 2020 13:57
Operator : CG/JU
Sample : SSTD04051
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD04051

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Quant Time: Oct 17 14:52:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101720.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 13:54:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	224126	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	901029	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	556222	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.99	188	1158567	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	1114600	20.00	ng/ul	0.00
86) Perylene-d12	23.37	264	1143471	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	74621	14.72	ng/uL	0.00
5) Phenol-d5	6.79	99	772778	39.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	469599	39.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	623956	40.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	616900	39.42	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	296502	40.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	346989	42.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	609308	40.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	774688	40.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.66	166	1735132	38.10	ng/ul	0.00
47) Acenaphthylene-d8	13.94	160	2100243	38.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	332811	39.17	ng/ul	0.00
58) Fluorene-d10	15.25	176	1496320	38.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	317814	41.40	ng/ul	0.00
71) Anthracene-d10	17.09	188	2212306	39.01	ng/ul	0.00
79) Pyrene-d10	19.39	212	2360272	40.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	2551901	39.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	85518	14.904	ng/uL	96
4) Benzaldehyde	6.76	77	514348	46.838	ng/ul	97
6) Phenol	6.81	94	815104	39.982	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.04	93	630119	38.908	ng/ul	96
10) 2-Chlorophenol	7.17	128	639337	39.954	ng/ul	98
11) 2-Methylphenol	8.05	108	598612	39.198	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.13	45	834004	39.298	ng/ul	99
14) Acetophenone	8.42	105	957738	39.096	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.42	70	508163	40.774	ng/ul	99
16) 4-Methylphenol	8.38	108	648089	39.500	ng/ul	96
17) Hexachloroethane	8.66	117	274372	39.256	ng/ul	99
20) Nitrobenzene	8.79	77	779593	39.601	ng/ul	97
21) Isophorone	9.32	82	1404555	40.723	ng/ul	98
23) 2-Nitrophenol	9.50	139	370835	41.120	ng/ul	94
24) 2,4-Dimethylphenol	9.56	107	734559	39.882	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.80	93	849038	39.230	ng/ul	100
27) 2,4-Dichlorophenol	10.03	162	599058	39.454	ng/ul	96
28) Naphthalene	10.43	128	2015766	38.189	ng/ul	99
30) 4-Chloroaniline	10.54	127	774425	41.465	ng/ul	100
31) Hexachlorobutadiene	10.71	225	384196	38.341	ng/ul	91
32) Caprolactam	11.32	113	195161m	39.886	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	680959	39.819	ng/ul	97
34) 2-Methylnaphthalene	12.05	142	1400897	38.619	ng/ul	93

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35) 1-Methylnaphthalene	12.27	142	1390824	39.020	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.42	216	691714	39.602	ng/ul	99
38) Hexachlorocyclopentadiene	12.40	237	472806	39.754	ng/ul	93
39) 2,4,6-Trichlorophenol	12.66	196	470772	40.749	ng/ul	95
40) 2,4,5-Trichlorophenol	12.74	196	499022	40.090	ng/ul	99
41) 1,1'-Biphenyl	13.07	154	1807106	39.232	ng/ul	99
42) 2-Chloronaphthalene	13.11	162	1435118	39.236	ng/ul	98
43) 2-Nitroaniline	13.32	65	457353	42.871	ng/ul	99
45) Dimethylphthalate	13.71	163	1833935	38.589	ng/ul	100
46) 2,6-Dinitrotoluene	13.83	165	389068	41.167	ng/ul	93
48) Acenaphthylene	13.96	152	2165751	38.836	ng/ul	98
49) 3-Nitroaniline	14.16	138	364739	41.870	ng/ul	97
50) Acenaphthene	14.31	153	1549648	39.133	ng/ul	96
51) 2,4-Dinitrophenol	14.37	184	233519	39.118	ng/ul	91
53) 4-Nitrophenol	14.47	109	288874	37.547	ng/ul	95
54) Dibenzofuran	14.65	168	2065032	37.451	ng/ul	99
55) 2,4-Dinitrotoluene	14.62	165	559804	40.838	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.87	232	418765	38.541	ng/ul	99
57) Diethylphthalate	15.09	149	1855419	37.455	ng/ul	99
59) Fluorene	15.30	166	1742902	37.581	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.30	204	864737	38.212	ng/ul	98
61) 4-Nitroaniline	15.33	138	396922	41.761	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.39	198	347054	41.395	ng/ul#	88
65) N-Nitrosodiphenylamine	15.51	169	1463594	40.055	ng/ul	94
66) 4-Bromophenyl-phenylether	16.19	248	502609	38.980	ng/ul	93
67) Hexachlorobenzene	16.30	284	608954	39.400	ng/ul	93
68) Atrazine	16.47	200	547540	39.632	ng/ul	93
69) Pentachlorophenol	16.65	266	375045	40.262	ng/ul	92
70) Phenanthrene	17.03	178	2776148	39.262	ng/ul	98
72) Anthracene	17.13	178	2797429	38.841	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.03	216	645849	40.880	ng/uL	90
74) Pentachlorobenzene	14.57	250	679951	40.613	ng/uL	97
75) Carbazole	17.40	167	2442868	39.865	ng/ul	97
76) Di-n-butylphthalate	17.97	149	3283703	39.798	ng/ul	99
77) Fluoranthene	19.06	202	3174573	39.649	ng/ul	98
80) Pyrene	19.42	202	3221305	40.527	ng/ul	98
81) Butylbenzylphthalate	20.33	149	1490759	42.298	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.12	252	1132377	43.426	ng/ul	98
83) Benzo(a)anthracene	21.17	228	2943013	39.159	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2257409	41.187	ng/ul	99
85) Chrysene	21.23	228	2813400	37.613	ng/ul	94
87) Di-n-octyl phthalate	21.98	149	3711158	42.557	ng/ul	100
88) Benzo(b)fluoranthene	22.72	252	3027034	38.516	ng/ul	98
89) Benzo(k)fluoranthene	22.76	252	3004772	39.047	ng/ul	99
91) Benzo(a)pyrene	23.28	252	2886899	40.231	ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.55	276	3630060	39.722	ng/ul	98
93) Dibenzo(a,h)anthracene	25.56	278	3092776	40.258	ng/ul	98
94) Benzo(g,h,i)perylene	26.22	276	2974528	39.048	ng/ul	98

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

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