Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
Data File : BN015118.D
Acq On : 26 Jun 2021 15:48
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020409

Quant Time: Jun 27 00:01:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	211678	20.000	ng/ul	0.00
20) Naphthalene-d8	10.499	136	845230	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	507040	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	984991	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	931279	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	970563	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	39889	7.332	ng/uL	0.00
4) Pyridine-d5	3.675	84	262072	17.869	ng/ul	0.00
7) Phenol-d5	6.893	99	345315	18.795	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	196848	18.244	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	272521	19.562	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	266845	18.819	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	126158	21.820	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	125689	24.404	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	252852	20.800	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	360962	19.160	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	674922	19.385	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	871397	19.280	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	125548	20.673	ng/ul	0.00
60) Fluorene-d10	15.345	176	577608	19.069	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	73217	17.998	ng/ul	0.00
73) Anthracene-d10	17.198	188	876258	19.436	ng/ul	0.00
81) Pyrene-d10	19.498	212	957778	19.621	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.398	264	954225	19.916	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	40008	7.136	ng/uL	98
5) Pyridine	3.693	79	269399	17.655	ng/ul	99
6) Benzaldehyde	6.875	77	209868	24.562	ng/ul	96
8) Phenol	6.922	94	348225	18.696	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.157	93	276228	18.774	ng/ul	99
12) 2-Chlorophenol	7.293	128	273961	19.435	ng/ul	99
13) 2-Methylphenol	8.157	108	262393	18.868	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.252	45	350119	18.268	ng/ul	98
16) Acetophenone	8.534	105	399792	18.613	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	198160	18.835	ng/ul	97
18) 4-Methylphenol	8.481	108	278976	18.705	ng/ul	96
19) Hexachloroethane	8.799	117	111895	19.421	ng/ul	97
22) Nitrobenzene	8.910	77	297620	21.084	ng/ul	97
23) Isophorone	9.434	82	548237	19.749	ng/ul	100
25) 2-Nitrophenol	9.616	139	135796	23.786	ng/ul	99
26) 2,4-Dimethylphenol	9.681	107	298019	20.135	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.916	93	350871	19.810	ng/ul	99
29) 2,4-Dichlorophenol	10.146	162	241584	20.403	ng/ul	96
30) Naphthalene	10.546	128	849046	19.686	ng/ul	99
32) 4-Chloroaniline	10.651	127	360562	19.473	ng/ul	98
33) Hexachlorobutadiene	10.840	225	146070	19.874	ng/ul	97
34) Caprolactam	11.398	113	79107	19.563	ng/ul	99
35) 4-Chloro-3-methylphenol	11.781	107	264439	20.411	ng/ul	100
36) 2-Methylnaphthalene	12.163	142	582178	19.498	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	582373	19.465	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.534	216	284633	20.111	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	145547	18.843	ng/ul	97
41) 2,4,6-Trichlorophenol	12.775	196	181314	21.910	ng/ul	99
42) 2,4,5-Trichlorophenol	12.845	196	192226	20.907	ng/ul	97
43) 1,1'-Biphenyl	13.181	154	699370	19.114	ng/ul	96
44) 2-Chloronaphthalene	13.222	162	559187	19.620	ng/ul	98
45) 2-Nitroaniline	13.422	65	158300	23.874	ng/ul	95
47) Dimethylphthalate	13.810	163	650893	19.315	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	132510	23.371	ng/ul	94
50) Acenaphthylene	14.069	152	848688	19.899	ng/ul	98
51) 3-Nitroaniline	14.251	138	151191	23.584	ng/ul	94
52) Acenaphthene	14.416	153	576361	19.209	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	70111	26.929	ng/ul	97
55) 4-Nitrophenol	14.557	109	97555	22.028	ng/ul	95
56) Dibenzofuran	14.751	168	810543	19.233	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	183882	23.257	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.975	232	150579	22.343	ng/ul	100
59) Diethylphthalate	15.181	149	672731	19.998	ng/ul	98
61) Fluorene	15.404	166	639586	19.172	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	304325	19.198	ng/ul	97
63) 4-Nitroaniline	15.416	138	151080	25.326	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	74802	18.194	ng/ul#	98
67) N-Nitrosodiphenylamine	15.616	169	575534	20.144	ng/ul	96
68) 4-Bromophenyl-phenylether	16.292	248	182784	19.277	ng/ul	95
69) Hexachlorobenzene	16.410	284	215350	20.267	ng/ul	96
70) Atrazine	16.563	200	195830	19.699	ng/ul	98
71) Pentachlorophenol	16.751	266	118929	21.394	ng/ul	93
72) Phenanthrene	17.139	178	1032544	19.861	ng/ul	99
74) Anthracene	17.233	178	1038124	19.451	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	283616	20.332	ng/uL	96
76) Pentachlorobenzene	14.669	250	258861	19.381	ng/uL	97
77) Carbazole	17.498	167	954013	19.832	ng/ul	98
78) Di-n-butylphthalate	18.075	149	1126843	20.578	ng/ul	99
80) Fluoranthene	19.163	202	1160897	19.702	ng/ul	99
82) Pyrene	19.527	202	1206846	19.651	ng/ul	99
83) Butylbenzylphthalate	20.439	149	506202	23.124	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	333208	17.375	ng/ul	89
85) Benzo(a)anthracene	21.280	228	1134631	19.698	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.227	149	752132	21.454	ng/ul	96
87) Chrysene	21.333	228	1087844	19.179	ng/ul	97
89) Di-n-octyl phthalate	22.110	149	1335465	22.002	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	1130731	19.347	ng/ul	99
91) Benzo(k)fluoranthene	22.915	252	1138236	19.242	ng/ul	98
93) Benzo(a)pyrene	23.451	252	1032168	19.430	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.804	276	1292806	20.059	ng/ul	98
95) Dibenzo(a,h)anthracene	25.815	278	1051406	19.682	ng/ul	98
96) Benzo(g,h,i)perylene	26.492	276	1078253	19.354	ng/ul	99

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

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