Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021522\
Data File : BN018611.D
Acq On : 15 Feb 2022 12:51
Operator : CG/JU
Sample : SSTD02018
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020225

Quant Time: Feb 15 17:42:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 15 17:38:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	589188	20.000	ng/ul	0.00
20) Naphthalene-d8	10.713	136	2329378	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.543	164	1498713	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	2852404	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.458	240	2824979	20.000	ng/ul	0.00
88) Perylene-d12	23.868	264	3015436	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	56864	4.253	ng/uL	0.02
4) Pyridine-d5	3.685	84	516791	11.405	ng/ul	0.00
7) Phenol-d5	7.042	99	536051	11.227	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	326915	11.274	ng/ul	0.00
11) 2-Chlorophenol-d4	7.425	132	430314	11.348	ng/ul	0.00
15) 4-Methylphenol-d8	8.596	113	429240	11.660	ng/ul	0.00
21) Nitrobenzene-d5	9.046	128	196624	11.235	ng/ul	0.00
24) 2-Nitrophenol-d4	9.790	143	223586	11.835	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.330	165	418645	11.521	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	554558	11.665	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	1165159	10.866	ng/ul	0.00
49) Acenaphthylene-d8	14.227	160	1577586	10.743	ng/ul	0.00
54) 4-Nitrophenol-d4	14.723	143	219381	12.144	ng/ul	0.00
60) Fluorene-d10	15.534	176	996530	10.990	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	198249	11.517	ng/ul	0.00
73) Anthracene-d10	17.381	188	1568978	11.270	ng/ul	0.00
81) Pyrene-d10	19.678	212	1734488	12.564	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.711	264	1736062	11.113	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	73154	4.261	ng/uL#	88
5) Pyridine	3.708	79	494230	11.113	ng/ul	97
6) Benzaldehyde	7.019	77	348490	13.030	ng/ul	98
8) Phenol	7.064	94	528045	10.915	ng/ul#	86
10) Bis(2-Chloroethyl)ether	7.312	93	463615	11.628	ng/ul	97
12) 2-Chlorophenol	7.447	128	425453	10.883	ng/ul	95
13) 2-Methylphenol	8.326	108	403088	11.230	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.438	45	624034	11.672	ng/ul	99
16) Acetophenone	8.709	105	641507	11.601	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.709	70	348075	12.371	ng/ul#	93
18) 4-Methylphenol	8.664	108	448872	11.561	ng/ul	100
19) Hexachloroethane	8.979	117	178860	10.917	ng/ul#	68
22) Nitrobenzene	9.091	77	488912	11.061	ng/ul	99
23) Isophorone	9.632	82	920999	12.166	ng/ul#	90
25) 2-Nitrophenol	9.812	139	246252	11.810	ng/ul	97
26) 2,4-Dimethylphenol	9.880	107	499689	11.324	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.105	93	575622	11.311	ng/ul	99
29) 2,4-Dichlorophenol	10.353	162	427169	11.299	ng/ul	96
30) Naphthalene	10.758	128	1409033	10.977	ng/ul	99
32) 4-Chloroaniline	10.848	127	560752	11.438	ng/ul	98
33) Hexachlorobutadiene	11.051	225	279985	10.572	ng/ul	97
34) Caprolactam	11.614	113	84938	8.594	ng/ul#	76
35) 4-Chloro-3-methylphenol	11.975	107	449899	11.995	ng/ul	92
36) 2-Methylnaphthalene	12.358	142	908777	11.124	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	981700	11.375	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.741	216	553363	10.258	ng/ul	97
40) Hexachlorocyclopentadiene	12.718	237	316172	9.540	ng/ul	93
42) 2,4,5-Trichlorophenol	13.033	196	344899	10.789	ng/ul	100
43) 1,1'-Biphenyl	13.371	154	1336834	10.459	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	1026849	10.393	ng/ul	96
45) 2-Nitroaniline	13.597	65	266694	11.763	ng/ul#	85
47) Dimethylphthalate	13.980	163	1128970	10.651	ng/ul#	98
48) 2,6-Dinitrotoluene	14.115	165	231143	11.944	ng/ul#	74
50) Acenaphthylene	14.250	152	1495228	10.462	ng/ul	99
51) 3-Nitroaniline	14.430	138	273102	14.193	ng/ul	86
52) Acenaphthene	14.610	153	952395	10.305	ng/ul	98
53) 2,4-Dinitrophenol	14.633	184	144688	11.716	ng/ul#	88
55) 4-Nitrophenol	14.723	109	180716	10.970	ng/ul	89
56) Dibenzofuran	14.926	168	1400790	10.478	ng/ul#	87
57) 2,4-Dinitrotoluene	14.881	165	328600	11.504	ng/ul#	72
58) 2,3,4,6-Tetrachlorophenol	15.151	232	272041	11.423	ng/ul#	63
59) Diethylphthalate	15.354	149	1309325	12.147	ng/ul	100
61) Fluorene	15.579	166	1148444	10.492	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.579	204	596920	10.575	ng/ul	98
63) 4-Nitroaniline	15.579	138	219684	14.108	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.646	198	186261	9.949	ng/ul#	76
67) N-Nitrosodiphenylamine	15.782	169	1043332	10.445	ng/ul	97
68) 4-Bromophenyl-phenylether	16.480	248	328962	10.814	ng/ul#	79
69) Hexachlorobenzene	16.592	284	442108	10.859	ng/ul	97
70) Atrazine	16.728	200	362989	10.450	ng/ul	93
71) Pentachlorophenol	16.930	266	271936	11.708	ng/ul	97
72) Phenanthrene	17.313	178	1791579	10.387	ng/ul	99
74) Anthracene	17.403	178	1749514	10.267	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.349	216	567991	9.712	ng/uL	98
76) Pentachlorobenzene	14.858	250	499000	9.746	ng/uL	97
77) Carbazole	17.674	167	1811038	12.160	ng/ul	99
78) Di-n-butylphthalate	18.237	149	1848566	11.632	ng/ul#	98
80) Fluoranthene	19.341	202	2159642	13.125	ng/ul#	89
82) Pyrene	19.701	202	2433656	13.449	ng/ul#	91
83) Butylbenzylphthalate	20.602	149	607115	13.583	ng/ul#	58
84) 3,3'-Dichlorobenzidine	21.368	252	674494	13.507	ng/ul#	96
85) Benzo(a)anthracene	21.435	228	2128633	12.273	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.368	149	1388766	13.474	ng/ul#	92
87) Chrysene	21.503	228	2027271	13.825	ng/ul	99
89) Di-n-octyl phthalate	22.291	149	2251822	10.921	ng/ul	100
90) Benzo(b)fluoranthene	23.125	252	2177530	10.418	ng/ul	99
91) Benzo(k)fluoranthene	23.170	252	2079061	11.215	ng/ul#	96
93) Benzo(a)pyrene	23.756	252	2068238	10.466	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.369	276	2270318	10.113	ng/ul	96
95) Dibenzo(a,h)anthracene	26.369	278	1886665	9.921	ng/ul	97
96) Benzo(g,h,i)perylene	27.112	276	1913563	9.996	ng/ul	95

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

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