Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021623\
Data File : BN024050.D
Acq On : 16 Feb 2023 12:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020255

Quant Time: Feb 17 05:35:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020623.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 17 05:33:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	137998	20.000	ng/ul	0.00
20) Naphthalene-d8	10.634	136	611364	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	408016	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.233	188	934419	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	928105	20.000	ng/ul	0.00
88) Perylene-d12	23.798	264	894020	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	26003	7.620	ng/uL	0.00
4) Pyridine-d5	3.646	84	179084	18.918	ng/ul	0.00
7) Phenol-d5	6.999	99	238004	20.175	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	156987	21.088	ng/ul	0.00
11) 2-Chlorophenol-d4	7.358	132	186068	20.279	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	193268	20.971	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	95662	19.600	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	105213	19.199	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	199852	19.569	ng/ul	0.00
31) 4-Chloroaniline-d4	10.781	131	281999	20.431	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	633498	20.088	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	693009	19.836	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	111933	20.634	ng/ul	0.00
60) Fluorene-d10	15.481	176	541455	20.392	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.604	200	116305	18.015	ng/ul	0.00
73) Anthracene-d10	17.334	188	867068	20.370	ng/ul	0.00
81) Pyrene-d10	19.628	212	1053093	18.837	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	924556	20.214	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	28235	7.822	ng/uL#	91
5) Pyridine	3.664	79	186294	19.575	ng/ul	98
6) Benzaldehyde	6.969	77	112359	21.982	ng/ul	98
8) Phenol	7.022	94	244451	20.528	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.258	93	201684	20.838	ng/ul	99
12) 2-Chlorophenol	7.387	128	191946	20.575	ng/ul	95
13) 2-Methylphenol	8.281	108	184601	20.694	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.357	45	260217m	21.582	ng/ul	
16) Acetophenone	8.657	105	318623	22.162	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.646	70	169516	21.955	ng/ul	98
18) 4-Methylphenol	8.610	108	206960	21.535	ng/ul	99
19) Hexachloroethane	8.905	117	83755	21.487	ng/ul	95
22) Nitrobenzene	9.040	77	255354	20.623	ng/ul	99
23) Isophorone	9.569	82	461364	20.248	ng/ul	100
25) 2-Nitrophenol	9.752	139	114435	19.960	ng/ul	99
26) 2,4-Dimethylphenol	9.816	107	234093	20.493	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.052	93	286851	20.267	ng/ul	99
29) 2,4-Dichlorophenol	10.287	162	199909	20.185	ng/ul	97
30) Naphthalene	10.687	128	663159	20.228	ng/ul	99
32) 4-Chloroaniline	10.804	127	288165	20.914	ng/ul	99
33) Hexachlorobutadiene	10.969	225	141723	19.956	ng/ul	96
34) Caprolactam	11.587	113	59587m	21.158	ng/ul	
35) 4-Chloro-3-methylphenol	11.934	107	217934	20.942	ng/ul	98
36) 2-Methylnaphthalene	12.298	142	451082	20.435	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	457135	20.356	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.669	216	275003	19.238	ng/ul	96
40) Hexachlorocyclopentadiene	12.646	237	173553	16.756	ng/ul	96
41) 2,4,6-Trichlorophenol	12.916	196	176186	19.422	ng/ul	92
42) 2,4,5-Trichlorophenol	12.987	196	190676	19.410	ng/ul	98
43) 1,1'-Biphenyl	13.316	154	623662	19.197	ng/ul	98
44) 2-Chloronaphthalene	13.357	162	494955	19.599	ng/ul	99
45) 2-Nitroaniline	13.569	65	149134	20.690	ng/ul	96
47) Dimethylphthalate	13.945	163	620581	19.756	ng/ul	99
48) 2,6-Dinitrotoluene	14.069	165	122613	19.970	ng/ul	93
50) Acenaphthylene	14.204	152	758379	20.390	ng/ul	100
51) 3-Nitroaniline	14.398	138	124963	23.110	ng/ul	93
52) Acenaphthene	14.545	153	524369	20.183	ng/ul	98
53) 2,4-Dinitrophenol	14.604	184	72169	17.482	ng/ul	97
55) 4-Nitrophenol	14.710	109	104174	21.697	ng/ul	96
56) Dibenzofuran	14.881	168	739371	20.115	ng/ul	97
57) 2,4-Dinitrotoluene	14.857	165	180664	21.201	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.110	232	166238	19.456	ng/ul	93
59) Diethylphthalate	15.310	149	626826	20.437	ng/ul	100
61) Fluorene	15.534	166	612239	20.323	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.528	204	322144	20.325	ng/ul	96
63) 4-Nitroaniline	15.563	138	120977m	26.113	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.622	198	114148	18.181	ng/ul	98
67) N-Nitrosodiphenylamine	15.745	169	512214	19.021	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	203517	18.588	ng/ul	99
69) Hexachlorobenzene	16.534	284	232857	18.614	ng/ul	95
70) Atrazine	16.704	200	204500	19.439	ng/ul	96
71) Pentachlorophenol	16.881	266	142700	17.958	ng/ul	99
72) Phenanthrene	17.275	178	997995	20.064	ng/ul	99
74) Anthracene	17.369	178	1000409	20.087	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.281	216	270465	18.045	ng/uL	97
76) Pentachlorobenzene	14.798	250	276974	18.618	ng/uL	96
77) Carbazole	17.645	167	883307	20.579	ng/ul	98
78) Di-n-butylphthalate	18.204	149	1089600	15.199	ng/ul	99
80) Fluoranthene	19.292	202	1190871	17.902	ng/ul	97
82) Pyrene	19.657	202	1249922	18.459	ng/ul	98
83) Butylbenzylphthalate	20.563	149	474484	17.886	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.345	252	393531	18.026	ng/ul	96
85) Benzo(a)anthracene	21.410	228	1267750	19.713	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.333	149	707011	17.961	ng/ul	99
87) Chrysene	21.463	228	1195205	20.082	ng/ul	97
89) Di-n-octyl phthalate	22.257	149	1145818	18.538	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1161049	19.711	ng/ul	97
91) Benzo(k)fluoranthene	23.127	252	1172444	20.891	ng/ul	98
93) Benzo(a)pyrene	23.692	252	1023145	20.460	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.251	276	1213025	18.794	ng/ul	98
95) Dibenzo(a,h)anthracene	26.280	278	1021220	19.067	ng/ul	96
96) Benzo(g,h,i)perylene	27.009	276	982088	18.814	ng/ul	98

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

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