

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031684.D
 Acq On : 29 May 2024 10:41
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020263

Quant Time: May 29 23:14:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	612221	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2750375	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1778441	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	3772624	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	3499026	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	4163473	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	120418	8.137	ng/uL	0.00
4) Pyridine-d5	3.599	84	883422	21.207	ng/u1	0.00
7) Phenol-d5	6.852	99	1122771	21.392	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	668403	21.772	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	866555	21.639	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	916153	21.414	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	447555	21.282	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	487260	22.431	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	874147	21.555	ng/u1	0.00
31) 4-Chloroaniline-d4	10.604	131	1282657	21.302	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	2624538	21.183	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	3051416	21.419	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	543962	21.928	ng/u1	0.00
60) Fluorene-d10	15.316	176	2195949	20.947	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	426619	22.497	ng/u1	0.00
73) Anthracene-d10	17.169	188	3403553	21.073	ng/u1	0.00
81) Pyrene-d10	19.463	212	3949872	21.095	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	4044009	20.341	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	124946	7.891	ng/uL	97
5) Pyridine	3.617	79	882463	21.187	ng/u1	99
6) Benzaldehyde	6.834	77	621257	25.237	ng/u1	98
8) Phenol	6.875	94	1159673	21.711	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.116	93	970617	21.976	ng/u1	99
12) 2-Chlorophenol	7.246	128	901331	21.508	ng/u1	97
13) 2-Methylphenol	8.122	108	896554	21.732	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	1116394	21.958	ng/u1	99
16) Acetophenone	8.505	105	1454249	22.429	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	720140	21.434	ng/u1	98
18) 4-Methylphenol	8.452	108	971471	21.723	ng/u1	98
19) Hexachloroethane	8.757	117	377185	21.254	ng/u1	93
22) Nitrobenzene	8.881	77	1078512	21.526	ng/u1	99
23) Isophorone	9.405	82	2182335	21.233	ng/u1	99
25) 2-Nitrophenol	9.587	139	522144	22.000	ng/u1	99
26) 2,4-Dimethylphenol	9.646	107	997698	21.609	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.887	93	1342960	20.966	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	846747	21.146	ng/u1	99
30) Naphthalene	10.516	128	3028240	21.274	ng/u1	100
32) 4-Chloroaniline	10.628	127	1268854	21.705	ng/u1	99
33) Hexachlorobutadiene	10.799	225	505495	21.019	ng/u1	98
34) Caprolactam	11.404	113	201110	12.867	ng/u1	93
35) 4-Chloro-3-methylphenol	11.751	107	998955	21.343	ng/u1	99
36) 2-Methylnaphthalene	12.134	142	2055136	21.123	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.351	142	2066445	21.167	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.498	216	998845	21.237	ng/ul	98
40) Hexachlorocyclopentadiene	12.481	237	634702	23.414	ng/ul	99
41) 2,4,6-Trichlorophenol	12.746	196	700800	21.952	ng/ul	100
42) 2,4,5-Trichlorophenol	12.816	196	750192	21.625	ng/ul	95
43) 1,1'-Biphenyl	13.157	154	2658506	21.252	ng/ul	96
44) 2-Chloronaphthalene	13.193	162	2083440	21.265	ng/ul	98
45) 2-Nitroaniline	13.404	65	621587	21.886	ng/ul	96
47) Dimethylphthalate	13.787	163	2692640	21.250	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	554084	21.999	ng/ul	96
50) Acenaphthylene	14.045	152	3449377	21.424	ng/ul	100
51) 3-Nitroaniline	14.234	138	594683	22.083	ng/ul	98
52) Acenaphthene	14.387	153	2255228	21.170	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	291509	22.926	ng/ul	96
55) 4-Nitrophenol	14.540	109	394366	21.430	ng/ul	98
56) Dibenzofuran	14.728	168	3071822	21.224	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	812928	21.997	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	637932	21.984	ng/ul	96
59) Diethylphthalate	15.157	149	2750893	21.039	ng/ul	99
61) Fluorene	15.375	166	2526135	21.674	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.375	204	1197476	21.212	ng/ul	96
63) 4-Nitroaniline	15.398	138	578299	22.558	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.451	198	453345	22.489	ng/ul	94
67) N-Nitrosodiphenylamine	15.587	169	2188417	21.045	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	768763	21.031	ng/ul	97
69) Hexachlorobenzene	16.369	284	835712	20.172	ng/ul	98
70) Atrazine	16.545	200	692692	21.097	ng/ul	98
71) Pentachlorophenol	16.716	266	561039	21.166	ng/ul	90
72) Phenanthrene	17.110	178	4082071	21.241	ng/ul	99
74) Anthracene	17.204	178	4074825	20.925	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.116	216	1026787	21.145	ng/ul	97
76) Pentachlorobenzene	14.640	250	958763	20.271	ng/ul	96
77) Carbazole	17.475	167	3811020	22.951	ng/ul	98
78) Di-n-butylphthalate	18.045	149	5021384	21.981	ng/ul	99
80) Fluoranthene	19.128	202	4784580	21.382	ng/ul	100
82) Pyrene	19.492	202	4880938	21.260	ng/ul	100
83) Butylbenzylphthalate	20.404	149	2343492	21.611	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.216	252	1702024	25.366	ng/ul	99
85) Benzo(a)anthracene	21.286	228	4959300	21.175	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.222	149	3495598	22.114	ng/ul	98
87) Chrysene	21.345	228	4647751	21.246	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	6086215	21.835	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	5172782	20.786	ng/ul	100
91) Benzo(k)fluoranthene	23.374	252	5058321	20.714	ng/ul	99
93) Benzo(a)pyrene	24.104	252	4856376	20.836	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	5854423	21.797	ng/ul	97
95) Dibenzo(a,h)anthracene	27.604	278	4715234	21.503	ng/ul	95
96) Benzo(g,h,i)perylene	28.568	276	3201957	14.997	ng/ul	97

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

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