

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043024\
 Data File : BN031345.D
 Acq On : 01 May 2024 09:05
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020393

Quant Time: May 01 09:35:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 01 05:16:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	289094	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	1360317	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.263	164	911057	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1871627	20.000	ng/u1	0.00
79) Chrysene-d12	21.251	240	1380324	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1340376	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	43266	6.968	ng/uL	0.00
4) Pyridine-d5	3.534	84	329180	18.512	ng/u1	0.00
7) Phenol-d5	6.793	99	422490	18.161	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.957	67	242895	17.833	ng/u1	0.00
11) 2-Chlorophenol-d4	7.146	132	344359	18.503	ng/u1	0.00
15) 4-Methylphenol-d8	8.322	113	353727	18.349	ng/u1	0.00
21) Nitrobenzene-d5	8.769	128	178843	18.243	ng/u1	0.00
24) 2-Nitrophenol-d4	9.487	143	203637	19.300	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	364970	18.627	ng/u1	0.00
31) 4-Chloroaniline-d4	10.540	131	515855	18.167	ng/u1	0.00
46) Dimethylphthalate-d6	13.681	166	1049062	17.466	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	1256357	18.027	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	204785	18.787	ng/u1	0.00
60) Fluorene-d10	15.257	176	917714	17.892	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	112772	11.717	ng/u1	0.00
73) Anthracene-d10	17.110	188	1392230	18.024	ng/u1	0.00
81) Pyrene-d10	19.416	212	1530218	18.203	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.939	264	1157475	18.653	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.164	88	46126	6.825	ng/uL	91
5) Pyridine	3.558	79	325059	18.197	ng/u1	99
6) Benzaldehyde	6.763	77	255434	21.869	ng/u1	96
8) Phenol	6.816	94	433323	18.327	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.052	93	345990	18.077	ng/u1	96
12) 2-Chlorophenol	7.175	128	354883	18.340	ng/u1	99
13) 2-Methylphenol	8.057	108	337695	18.390	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.134	45	444755	17.610	ng/u1	99
16) Acetophenone	8.434	105	543339	18.956	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.422	70	268459	17.839	ng/u1	99
18) 4-Methylphenol	8.387	108	368940	18.357	ng/u1	99
19) Hexachloroethane	8.675	117	146990	18.774	ng/u1	98
22) Nitrobenzene	8.810	77	406007	17.649	ng/u1	99
23) Isophorone	9.334	82	793671	17.680	ng/u1	100
25) 2-Nitrophenol	9.516	139	215649	18.735	ng/u1	99
26) 2,4-Dimethylphenol	9.581	107	388276	17.945	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	484513	17.160	ng/u1	100
29) 2,4-Dichlorophenol	10.046	162	356537	18.432	ng/u1	98
30) Naphthalene	10.440	128	1204858	18.024	ng/u1	100
32) 4-Chloroaniline	10.563	127	503403	18.516	ng/u1	98
33) Hexachlorobutadiene	10.716	225	212043	18.544	ng/u1	100
34) Caprolactam	11.345	113	127088	18.392	ng/u1	99
35) 4-Chloro-3-methylphenol	11.693	107	406857	18.312	ng/u1	98
36) 2-Methylnaphthalene	12.063	142	837328	18.066	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	838633	17.888	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.434	216	425015	18.075	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	156400	11.882	ng/ul	98
41) 2,4,6-Trichlorophenol	12.681	196	296532	18.343	ng/ul	99
42) 2,4,5-Trichlorophenol	12.757	196	326938	18.544	ng/ul	97
43) 1,1'-Biphenyl	13.087	154	1081711	17.481	ng/ul	97
44) 2-Chloronaphthalene	13.128	162	869197	17.786	ng/ul	99
45) 2-Nitroaniline	13.345	65	254901	18.414	ng/ul	97
47) Dimethylphthalate	13.728	163	1072066	17.420	ng/ul	100
48) 2,6-Dinitrotoluene	13.851	165	224748	18.716	ng/ul	99
50) Acenaphthylene	13.981	152	1421772	17.928	ng/ul	99
51) 3-Nitroaniline	14.181	138	252056	19.490	ng/ul	99
52) Acenaphthene	14.328	153	939578	17.859	ng/ul	98
53) 2,4-Dinitrophenol	14.386	184	40599	5.916	ng/ul	96
55) 4-Nitrophenol	14.498	109	165707	18.988	ng/ul	96
56) Dibenzofuran	14.663	168	1292118	18.087	ng/ul	95
57) 2,4-Dinitrotoluene	14.639	165	328822	18.671	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.892	232	271499	18.424	ng/ul	95
59) Diethylphthalate	15.098	149	1116222	17.996	ng/ul	99
61) Fluorene	15.316	166	1011974	17.768	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.310	204	496278	18.063	ng/ul	100
63) 4-Nitroaniline	15.351	138	249414	21.062	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.404	198	119158	11.550	ng/ul	98
67) N-Nitrosodiphenylamine	15.533	169	900028	18.099	ng/ul	96
68) 4-Bromophenyl-phenylether	16.210	248	317291	18.121	ng/ul	97
69) Hexachlorobenzene	16.316	284	361569	17.907	ng/ul	98
70) Atrazine	16.492	200	313353	19.399	ng/ul	98
71) Pentachlorophenol	16.663	266	201397	16.474	ng/ul	97
72) Phenanthrene	17.057	178	1641388	17.721	ng/ul	99
74) Anthracene	17.145	178	1686723	18.210	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	425310	17.940	ng/ul	99
76) Pentachlorobenzene	14.575	250	417218	17.945	ng/ul	96
77) Carbazole	17.422	167	1516767	18.748	ng/ul	97
78) Di-n-butylphthalate	17.986	149	1938248	18.487	ng/ul	100
80) Fluoranthene	19.080	202	1858446	18.441	ng/ul	100
82) Pyrene	19.445	202	1889852	18.383	ng/ul	100
83) Butylbenzylphthalate	20.357	149	854926	19.905	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.168	252	479898	19.431	ng/ul	96
85) Benzo(a)anthracene	21.233	228	1665793	18.492	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	1208740	21.390	ng/ul	99
87) Chrysene	21.292	228	1532275	18.155	ng/ul	96
89) Di-n-octyl phthalate	22.257	149	1944965	19.584	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	1437291	17.694	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	1389047	17.388	ng/ul	98
93) Benzo(a)pyrene	24.004	252	1334979	18.375	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.368	276	1530194	18.589	ng/ul	98
95) Dibenzo(a,h)anthracene	27.427	278	1284499	18.784	ng/ul	99
96) Benzo(g,h,i)perylene	28.386	276	1255687	18.911	ng/ul	98

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

