

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052124\
 Data File : BN031601.D
 Acq On : 21 May 2024 17:16
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV202

Quant Time: May 21 23:43:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 21 23:42:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	537278	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2391984	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.334	164	1500719	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.075	188	2787526	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1668693	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1632199	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	93173	6.874	ng/uL	0.00
4) Pyridine-d5	3.605	84	733999	19.404	ng/u1	0.00
7) Phenol-d5	6.858	99	908158	20.534	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	584154	22.021	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	697267	20.460	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	734893	21.464	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	371182	20.504	ng/u1	0.00
24) 2-Nitrophenol-d4	9.563	143	369032	21.347	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	695142	20.566	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	1067852	21.917	ng/u1	0.00
46) Dimethylphthalate-d6	13.746	166	2005122	21.201	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	2442993	20.610	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	379423	21.203	ng/u1	0.00
60) Fluorene-d10	15.322	176	1681186	20.512	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	248884	20.651	ng/u1	0.00
73) Anthracene-d10	17.175	188	2407463	20.402	ng/u1	0.00
81) Pyrene-d10	19.469	212	2337498	22.332	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1572803	20.471	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	95853	6.711	ng/uL	96
5) Pyridine	3.623	79	629807	16.917	ng/u1	99
6) Benzaldehyde	6.840	77	509724	22.501	ng/u1	98
8) Phenol	6.887	94	905874	19.929	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.128	93	733617	19.449	ng/u1	99
12) 2-Chlorophenol	7.258	128	702450	19.654	ng/u1	98
13) 2-Methylphenol	8.128	108	672821	19.760	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.211	45	848433	19.472	ng/u1	98
16) Acetophenone	8.511	105	1162369	21.765	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	567340	20.678	ng/u1	99
18) 4-Methylphenol	8.458	108	744349	20.569	ng/u1	99
19) Hexachloroethane	8.763	117	292467	19.152	ng/u1	98
22) Nitrobenzene	8.887	77	813311	18.340	ng/u1	96
23) Isophorone	9.410	82	1628221	19.302	ng/u1	98
25) 2-Nitrophenol	9.593	139	393937	20.446	ng/u1	99
26) 2,4-Dimethylphenol	9.652	107	565884	14.377	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.899	93	1010857	18.798	ng/u1	100
29) 2,4-Dichlorophenol	10.122	162	661874	19.752	ng/u1	99
30) Naphthalene	10.528	128	2321495	18.858	ng/u1	100
32) 4-Chloroaniline	10.640	127	992578	20.878	ng/u1	99
33) Hexachlorobutadiene	10.810	225	388729	18.958	ng/u1	96
34) Caprolactam	11.404	113	241596	22.262	ng/u1	98
35) 4-Chloro-3-methylphenol	11.757	107	760245	20.892	ng/u1	97
36) 2-Methylnaphthalene	12.140	142	1605130	19.925	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	1499229	18.801	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.510	216	793412	18.681	ng/ul	98
40) Hexachlorocyclopentadiene	12.493	237	659072	25.887	ng/ul	97
41) 2,4,6-Trichlorophenol	12.751	196	514968	19.621	ng/ul	94
42) 2,4,5-Trichlorophenol	12.822	196	556174	19.576	ng/ul	94
43) 1,1'-Biphenyl	13.163	154	2091372	19.330	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	1571359	18.342	ng/ul	99
45) 2-Nitroaniline	13.410	65	457598	20.404	ng/ul	96
47) Dimethylphthalate	13.793	163	1922469	19.921	ng/ul	98
48) 2,6-Dinitrotoluene	13.910	165	417170	22.682	ng/ul	95
50) Acenaphthylene	14.051	152	2567516	18.764	ng/ul	99
51) 3-Nitroaniline	14.240	138	473810	22.696	ng/ul	92
52) Acenaphthene	14.393	153	1645604	18.561	ng/ul	96
53) 2,4-Dinitrophenol	14.440	184	164935	19.528	ng/ul	97
55) 4-Nitrophenol	14.540	109	274734	20.376	ng/ul	95
56) Dibenzofuran	14.734	168	2356514	19.910	ng/ul	100
57) 2,4-Dinitrotoluene	14.698	165	551483	22.382	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.951	232	457054	22.146	ng/ul	98
59) Diethylphthalate	15.163	149	1888644	20.769	ng/ul	97
61) Fluorene	15.381	166	1838223	19.827	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.381	204	875033	19.605	ng/ul	100
63) 4-Nitroaniline	15.404	138	453284	24.210	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	262432	19.856	ng/ul	95
67) N-Nitrosodiphenylamine	15.592	169	1602773	19.532	ng/ul	97
68) 4-Bromophenyl-phenylether	16.275	248	514708	18.339	ng/ul	96
69) Hexachlorobenzene	16.375	284	602300	19.884	ng/ul	96
70) Atrazine	16.545	200	460743	20.863	ng/ul	98
71) Pentachlorophenol	16.722	266	331061	19.161	ng/ul	96
72) Phenanthrene	17.116	178	2703523	19.111	ng/ul	100
74) Anthracene	17.204	178	2763548	19.471	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.122	216	791466	17.860	ng/ul	98
76) Pentachlorobenzene	14.645	250	703573	17.534	ng/ul	88
77) Carbazole	17.481	167	2482639	20.497	ng/ul	99
78) Di-n-butylphthalate	18.051	149	2916567	20.972	ng/ul	99
80) Fluoranthene	19.133	202	2660119	20.561	ng/ul	99
82) Pyrene	19.498	202	2739119	20.644	ng/ul	99
83) Butylbenzylphthalate	20.410	149	980827	21.782	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.216	252	705085	21.975	ng/ul	99
85) Benzo(a)anthracene	21.286	228	2228486	19.859	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.222	149	1300546	21.094	ng/ul	100
87) Chrysene	21.345	228	2069656	19.967	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	1897271	20.338	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	1830143	19.214	ng/ul	98
91) Benzo(k)fluoranthene	23.369	252	1870419	19.264	ng/ul	98
93) Benzo(a)pyrene	24.098	252	1727450	18.881	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	2073618	18.884	ng/ul	99
95) Dibenzo(a,h)anthracene	27.604	278	1663344	18.394	ng/ul	98
96) Benzo(g,h,i)perylene	28.568	276	1601119	17.648	ng/ul	97

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

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