

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031691.D
 Acq On : 29 May 2024 15:20
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV209

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

05/30/2024
 Supervised By :mohammad
 ahmed

Quant Time: May 29 16:24:25 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	7.687	152	571395	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	2583129	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1749703	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	3791415	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	3394867	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	3881071	20.000	ng/u1	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	94548	6.846	ng/uL	0.00
4) Pyridine-d5	3.593	84	751582	19.331	ng/u1	0.00
7) Phenol-d5	6.852	99	965103	19.702	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	611090	21.328	ng/u1	0.00
11) 2-Chlorophenol-d4	7.216	132	733504	19.625	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	796902	19.958	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	397777	20.140	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	418935	20.534	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	762617	20.022	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	1179916	20.864	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	2450818	20.106	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	2813619	20.074	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	508277	20.826	ng/u1	0.00
60) Fluorene-d10	15.322	176	2112342	20.481	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	368622	19.343	ng/u1	0.00
73) Anthracene-d10	17.169	188	3236705	19.940	ng/u1	0.00
81) Pyrene-d10	19.469	212	3800075	20.918	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	3644746	19.667	ng/u1	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.228	88	97505	6.598	ng/uL	100
5) Pyridine	3.616	79	657442	16.912	ng/u1	97
6) Benzaldehyde	6.834	77	531592	23.137	ng/u1	98
8) Phenol	6.881	94	954607	19.149	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.116	93	770774	18.698	ng/u1	97
12) 2-Chlorophenol	7.252	128	752582	19.241	ng/u1	99
13) 2-Methylphenol	8.122	108	721809	18.746	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.204	45	872603	18.389	ng/u1	98
16) Acetophenone	8.504	105	1259708	20.817	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.493	70	616431	19.658	ng/u1	99
18) 4-Methylphenol	8.452	108	817403	19.584	ng/u1	100
19) Hexachloroethane	8.757	117	302354	18.255	ng/u1	96
22) Nitrobenzene	8.881	77	880283	18.707	ng/u1	99
23) Isophorone	9.404	82	1782422	18.465	ng/u1	100
25) 2-Nitrophenol	9.587	139	440018	19.740	ng/u1	98
26) 2,4-Dimethylphenol	9.646	107	616581	14.219	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.893	93	1097431	18.242	ng/u1	100
29) 2,4-Dichlorophenol	10.116	162	739638	19.667	ng/u1	99
30) Naphthalene	10.522	128	2513173	18.799	ng/u1	99
32) 4-Chloroaniline	10.634	127	1097677	19.992	ng/u1	99
33) Hexachlorobutadiene	10.798	225	426411	18.878	ng/u1	94
34) Caprolactam	11.404	113	297504m	20.266	ng/u1	
35) 4-Chloro-3-methylphenol	11.757	107	882068	20.066	ng/u1	100
36) 2-Methylnaphthalene	12.134	142	1799423	19.692	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	1688383	18.415	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.504	216	890185	19.237	ng/ul	97
40) Hexachlorocyclopentadiene	12.481	237	695263	26.069	ng/ul	89
41) 2,4,6-Trichlorophenol	12.745	196	613368	19.529	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	674742	19.769	ng/ul	99
43) 1,1'-Biphenyl	13.157	154	2384064	19.371	ng/ul	97
44) 2-Chloronaphthalene	13.198	162	1779497	18.461	ng/ul	99
45) 2-Nitroaniline	13.404	65	554837	19.857	ng/ul	95
47) Dimethylphthalate	13.792	163	2346176	18.820	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	513316	20.715	ng/ul	97
50) Acenaphthylene	14.045	152	3031281	19.137	ng/ul	100
51) 3-Nitroaniline	14.234	138	594208	22.428	ng/ul	97
52) Acenaphthene	14.392	153	1930248	18.417	ng/ul	98
53) 2,4-Dinitrophenol	14.439	184	230568	18.431	ng/ul	97
55) 4-Nitrophenol	14.539	109	354446	19.577	ng/ul	98
56) Dibenzofuran	14.728	168	2803721	19.690	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	724337	19.922	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.951	232	571920	20.033	ng/ul	95
59) Diethylphthalate	15.157	149	2448435	19.034	ng/ul	99
61) Fluorene	15.375	166	2224021	19.395	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	1065934	19.192	ng/ul	97
63) 4-Nitroaniline	15.398	138	614901	24.380	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	382080	18.860	ng/ul	100
67) N-Nitrosodiphenylamine	15.586	169	1991097	19.052	ng/ul	97
68) 4-Bromophenyl-phenylether	16.269	248	686337	18.683	ng/ul	96
69) Hexachlorobenzene	16.375	284	774096	18.592	ng/ul	96
70) Atrazine	16.545	200	676674	20.507	ng/ul	99
71) Pentachlorophenol	16.716	266	518412	19.461	ng/ul	95
72) Phenanthrene	17.116	178	3635767	18.825	ng/ul	98
74) Anthracene	17.204	178	3711617	18.965	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.116	216	895276	18.346	ng/uL	97
76) Pentachlorobenzene	14.639	250	896617	18.863	ng/uL	95
77) Carbazole	17.475	167	3551195	21.281	ng/ul	98
78) Di-n-butylphthalate	18.045	149	4536678	19.760	ng/ul	100
80) Fluoranthene	19.133	202	4272176	19.678	ng/ul	99
82) Pyrene	19.498	202	4405363	19.777	ng/ul	98
83) Butylbenzylphthalate	20.410	149	2123441	20.183	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.216	252	1574848	24.191	ng/ul	99
85) Benzo(a)anthracene	21.286	228	4398780	19.358	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.221	149	3092478	20.164	ng/ul	98
87) Chrysene	21.351	228	4108171	19.355	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	5387915	20.736	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	4350980	18.756	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	4402720	19.341	ng/ul	98
93) Benzo(a)pyrene	24.110	252	4049344	18.637	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.539	276	4729675	18.891	ng/ul	99
95) Dibenzo(a,h)anthracene	27.603	278	3896966	19.065	ng/ul	97
96) Benzo(g,h,i)perylene	28.568	276	3570134	17.938	ng/ul	98

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

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