

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050324\
 Data File : BN031390.D
 Acq On : 03 May 2024 14:21
 Operator : MA/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV237

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel
 05/04/2024

Supervised By :Mohammad
 ahmed
 05/04/2024

Quant Time: May 03 15:00:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 14:17:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.598	152	133380	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	572565	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	377720	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.004	188	798706	20.000	ng/u1	0.00
79) Chrysene-d12	21.239	240	684185	20.000	ng/u1	0.00
88) Perylene-d12	24.109	264	646862	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	22144	7.185	ng/uL	0.00
4) Pyridine-d5	3.522	84	155857	19.457	ng/u1	0.00
7) Phenol-d5	6.775	99	202594	19.921	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	126111	21.959	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	170717	20.128	ng/u1	0.00
15) 4-Methylphenol-d8	8.310	113	171959	20.391	ng/u1	0.00
21) Nitrobenzene-d5	8.757	128	86710	20.100	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	96260	20.192	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.004	165	169838	19.821	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	243973	20.450	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	562867	20.710	ng/u1	0.00
49) Acenaphthylene-d8	13.939	160	607630	20.315	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	100540	20.808	ng/u1	0.00
60) Fluorene-d10	15.245	176	449136	20.220	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.380	200	95137	19.474	ng/u1	0.00
73) Anthracene-d10	17.098	188	686842	19.747	ng/u1	0.00
81) Pyrene-d10	19.404	212	786575	20.245	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.921	264	620072	20.095	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	21822	7.095	ng/uL	95
5) Pyridine	3.540	79	137263	17.038	ng/u1	97
6) Benzaldehyde	6.751	77	110061	22.828	ng/u1	95
8) Phenol	6.804	94	199877	19.428	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.034	93	154571	18.851	ng/u1	99
12) 2-Chlorophenol	7.163	128	171168	19.306	ng/u1	99
13) 2-Methylphenol	8.045	108	149229	18.741	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.116	45	174602	19.406	ng/u1	99
16) Acetophenone	8.422	105	273574	20.504	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.410	70	133400	20.241	ng/u1	98
18) 4-Methylphenol	8.375	108	167601	19.476	ng/u1	98
19) Hexachloroethane	8.657	117	71693	18.322	ng/u1	96
22) Nitrobenzene	8.798	77	188575	18.450	ng/u1	97
23) Isophorone	9.322	82	367457	18.912	ng/u1	100
25) 2-Nitrophenol	9.504	139	101125	19.724	ng/u1	98
26) 2,4-Dimethylphenol	9.569	107	144863	14.479	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.804	93	213634	18.843	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	163911	19.344	ng/u1	99
30) Naphthalene	10.428	128	555360	18.817	ng/u1	99
32) 4-Chloroaniline	10.545	127	229439	19.900	ng/u1	98
33) Hexachlorobutadiene	10.704	225	110337	18.578	ng/u1	99
34) Caprolactam	11.334	113	56923m	20.771	ng/u1	
35) 4-Chloro-3-methylphenol	11.675	107	194257	19.719	ng/u1	98
36) 2-Methylnaphthalene	12.045	142	393745	19.543	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	365168	18.110	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	202677	19.139	ng/ul	96
40) Hexachlorocyclopentadiene	12.392	237	179403	25.638	ng/ul	97
41) 2,4,6-Trichlorophenol	12.669	196	136442	19.433	ng/ul	99
42) 2,4,5-Trichlorophenol	12.739	196	144356	19.113	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	519225	19.408	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	392350	18.585	ng/ul	99
45) 2-Nitroaniline	13.333	65	120351	20.008	ng/ul	97
47) Dimethylphthalate	13.716	163	533804	19.191	ng/ul	98
48) 2,6-Dinitrotoluene	13.839	165	112322	20.232	ng/ul	99
50) Acenaphthylene	13.969	152	666166	19.294	ng/ul	99
51) 3-Nitroaniline	14.169	138	116606	21.286	ng/ul	97
52) Acenaphthene	14.316	153	426002	18.529	ng/ul	99
53) 2,4-Dinitrophenol	14.380	184	63893	19.323	ng/ul	95
55) 4-Nitrophenol	14.486	109	98052	19.618	ng/ul	98
56) Dibenzofuran	14.651	168	602698	19.609	ng/ul	99
57) 2,4-Dinitrotoluene	14.627	165	159354	19.737	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.880	232	132282	20.363	ng/ul	98
59) Diethylphthalate	15.086	149	558771	19.306	ng/ul	99
61) Fluorene	15.304	166	489607	19.135	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.304	204	240293	18.871	ng/ul	97
63) 4-Nitroaniline	15.339	138	113312	23.326	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.392	198	96744	19.004	ng/ul	99
67) N-Nitrosodiphenylamine	15.522	169	436819	19.375	ng/ul	96
68) 4-Bromophenyl-phenylether	16.198	248	152813	19.000	ng/ul	90
69) Hexachlorobenzene	16.304	284	177458	18.600	ng/ul	93
70) Atrazine	16.480	200	152811	20.145	ng/ul	95
71) Pentachlorophenol	16.651	266	111874	18.320	ng/ul	96
72) Phenanthrene	17.045	178	769421	18.669	ng/ul	99
74) Anthracene	17.133	178	788866	18.798	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.033	216	199457	18.571	ng/uL	99
76) Pentachlorobenzene	14.563	250	200531	18.606	ng/uL	99
77) Carbazole	17.410	167	714664	19.679	ng/ul	98
78) Di-n-butylphthalate	17.974	149	967104	19.353	ng/ul	100
80) Fluoranthene	19.068	202	880471	18.818	ng/ul	100
82) Pyrene	19.433	202	939683	19.243	ng/ul	99
83) Butylbenzylphthalate	20.345	149	433123	20.000	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.157	252	274507	21.571	ng/ul	97
85) Benzo(a)anthracene	21.221	228	867645	18.911	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.151	149	627417	20.458	ng/ul	98
87) Chrysene	21.280	228	835530	19.342	ng/ul	97
89) Di-n-octyl phthalate	22.239	149	987830	21.408	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	759427	19.609	ng/ul	98
91) Benzo(k)fluoranthene	23.268	252	762669	19.988	ng/ul	97
93) Benzo(a)pyrene	23.980	252	664251	18.797	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.333	276	736086	17.470	ng/ul	97
95) Dibenzo(a,h)anthracene	27.386	278	592576	16.888	ng/ul	97
96) Benzo(g,h,i)perylene	28.333	276	550634	16.222	ng/ul	99

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

