

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
 Data File : BN031717.D
 Acq On : 30 May 2024 11:01
 Operator : MA/JU
 Sample : PB161110BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS110

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 30 12:45:56 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	522320	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	2284731	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.328	164	1364042	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.081	188	2566966	20.000	ng/u1	0.01
79) Chrysene-d12	21.310	240	1559586	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1652340	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	81976	6.493	ng/uL	0.00
4) Pyridine-d5	3.599	84	1205616	33.923	ng/u1	0.00
7) Phenol-d5	6.863	99	1617275	36.118	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.028	67	924209	35.287	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	1309763	38.335	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	1290420	35.354	ng/u1	0.01
21) Nitrobenzene-d5	8.852	128	652535	37.354	ng/u1	0.01
24) 2-Nitrophenol-d4	9.563	143	694104	38.465	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	1220541	36.230	ng/u1	0.01
31) 4-Chloroaniline-d4	10.616	131	1675966	33.507	ng/u1	0.00
46) Dimethylphthalate-d6	13.745	166	3376601	35.533	ng/u1	0.00
49) Acenaphthylene-d8	14.022	160	3974411	36.373	ng/u1	0.00
54) 4-Nitrophenol-d4	14.540	143	650167	34.171	ng/u1	0.01
60) Fluorene-d10	15.328	176	2791662	34.720	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	360248	27.920	ng/u1	0.02
73) Anthracene-d10	17.181	188	4044878	36.806	ng/u1	0.01
81) Pyrene-d10	19.475	212	3807893	45.627	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.051	264	2912296	36.911	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	173279	12.827	ng/uL	99
5) Pyridine	3.622	79	1174850	33.061	ng/u1	97
6) Benzaldehyde	6.840	77	902831	42.987	ng/u1	98
8) Phenol	6.887	94	1634741	35.873	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	1287578	34.170	ng/u1	98
12) 2-Chlorophenol	7.258	128	1290901	36.105	ng/u1	99
13) 2-Methylphenol	8.134	108	1215143	34.524	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.216	45	1430309	32.974	ng/u1	98
16) Acetophenone	8.516	105	1896132	34.278	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.505	70	917494	32.008	ng/u1	97
18) 4-Methylphenol	8.463	108	1321272	34.630	ng/u1	99
19) Hexachloroethane	8.757	117	529689	34.985	ng/u1	98
22) Nitrobenzene	8.893	77	1406424	33.792	ng/u1	96
23) Isophorone	9.416	82	2709268	31.733	ng/u1	99
25) 2-Nitrophenol	9.593	139	727283	36.889	ng/u1	98
26) 2,4-Dimethylphenol	9.657	107	1106144	28.841	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.899	93	1706246	32.066	ng/u1	100
29) 2,4-Dichlorophenol	10.128	162	1180089	35.477	ng/u1	97
30) Naphthalene	10.522	128	4016157	33.965	ng/u1	99
32) 4-Chloroaniline	10.640	127	1539028	31.692	ng/u1	97
33) Hexachlorobutadiene	10.799	225	692584	34.667	ng/u1	96
34) Caprolactam	11.422	113	426205m	32.826	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	1304926	33.562	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	2700544	33.413	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	2711046	33.430	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.510	216	1349209	37.401	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	414814	19.951	ng/ul	97
41) 2,4,6-Trichlorophenol	12.757	196	909119	37.129	ng/ul	99
42) 2,4,5-Trichlorophenol	12.828	196	987594	37.117	ng/ul	94
43) 1,1'-Biphenyl	13.163	154	3386672	35.298	ng/ul	96
44) 2-Chloronaphthalene	13.204	162	2670270	35.534	ng/ul	98
45) 2-Nitroaniline	13.416	65	783112	35.951	ng/ul	90
47) Dimethylphthalate	13.798	163	3244037	33.380	ng/ul	100
48) 2,6-Dinitrotoluene	13.916	165	703756	36.430	ng/ul	99
50) Acenaphthylene	14.051	152	4205023	34.052	ng/ul	99
51) 3-Nitroaniline	14.245	138	787315	38.119	ng/ul	99
52) Acenaphthene	14.392	153	2785354	34.090	ng/ul	97
53) 2,4-Dinitrophenol	14.451	184	225381	23.110	ng/ul	98
55) 4-Nitrophenol	14.557	109	467825	33.146	ng/ul	94
56) Dibenzofuran	14.734	168	3821331	34.423	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	995346	35.115	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.957	232	759071	34.106	ng/ul	95
59) Diethylphthalate	15.163	149	3309794	33.005	ng/ul	99
61) Fluorene	15.387	166	2990956	33.458	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.381	204	1443494	33.339	ng/ul	96
63) 4-Nitroaniline	15.410	138	796918	40.531	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.469	198	391724	28.559	ng/ul	97
67) N-Nitrosodiphenylamine	15.592	169	2699804	38.157	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	935995	37.633	ng/ul	97
69) Hexachlorobenzene	16.381	284	1009975	35.829	ng/ul	98
70) Atrazine	16.551	200	822568	36.820	ng/ul	100
71) Pentachlorophenol	16.728	266	632446	35.067	ng/ul	92
72) Phenanthrene	17.122	178	4596958	35.154	ng/ul	99
74) Anthracene	17.210	178	4552452	34.358	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	1315441	39.813	ng/ul	99
76) Pentachlorobenzene	14.651	250	1254677	38.987	ng/ul	98
77) Carbazole	17.486	167	4194827	37.128	ng/ul	99
78) Di-n-butylphthalate	18.051	149	5685371	36.576	ng/ul	100
80) Fluoranthene	19.139	202	4629144	46.413	ng/ul	100
82) Pyrene	19.504	202	4542018	44.385	ng/ul	99
83) Butylbenzylphthalate	20.410	149	2191482	45.341	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.222	252	1123237	37.557	ng/ul	98
85) Benzo(a)anthracene	21.292	228	3781798	36.228	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	3110491	44.148	ng/ul	99
87) Chrysene	21.357	228	3494956	35.843	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	5147540	46.533	ng/ul	100
90) Benzo(b)fluoranthene	23.327	252	3554624	35.991	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	3412931	35.216	ng/ul	99
93) Benzo(a)pyrene	24.116	252	2924963	31.621	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.574	276	4031896	37.825	ng/ul	98
95) Dibenzo(a,h)anthracene	27.633	278	3276808	37.654	ng/ul	97
96) Benzo(g,h,i)perylene	28.615	276	3075563	36.297	ng/ul	97

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

