

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031810.D
 Acq On : 05 Jun 2024 21:44
 Operator : MA/JU
 Sample : PB161224BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS224

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 06 00:36:22 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	7.675	152	276230	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.457	136	1291381	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	855203	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1817640	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1789216	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1951589	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	36576	5.478	ng/uL	-0.01
4) Pyridine-d5	3.587	84	562039	29.903	ng/u1	-0.01
7) Phenol-d5	6.846	99	825740	34.870	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.016	67	430447	31.076	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.205	132	619201	34.269	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	649992	33.672	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	323420	32.755	ng/u1	0.00
24) 2-Nitrophenol-d4	9.546	143	350461	34.360	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	631389	33.159	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	918583	32.491	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	1867196	31.340	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	2217036	32.363	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	423932	35.538	ng/u1	0.00
60) Fluorene-d10	15.310	176	1617623	32.089	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.440	200	313553	34.319	ng/u1	0.00
73) Anthracene-d10	17.163	188	2524663	32.443	ng/u1	0.00
81) Pyrene-d10	19.463	212	3049018	31.845	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	3135131	33.643	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.217	88	80955	11.332	ng/uL	98
5) Pyridine	3.605	79	591632	31.481	ng/u1	98
6) Benzaldehyde	6.822	77	467917	42.128	ng/u1	99
8) Phenol	6.875	94	878694	36.460	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.105	93	650454	32.640	ng/u1	97
12) 2-Chlorophenol	7.240	128	660609	34.937	ng/u1	100
13) 2-Methylphenol	8.116	108	656314	35.259	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.199	45	708679	30.893	ng/u1	97
16) Acetophenone	8.493	105	1043684	35.676	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.481	70	505795	33.365	ng/u1	97
18) 4-Methylphenol	8.446	108	732228	36.289	ng/u1	99
19) Hexachloroethane	8.740	117	252771	31.569	ng/u1	92
22) Nitrobenzene	8.875	77	763999	32.476	ng/u1	97
23) Isophorone	9.399	82	1524838	31.598	ng/u1	99
25) 2-Nitrophenol	9.575	139	391106	35.097	ng/u1	97
26) 2,4-Dimethylphenol	9.640	107	603179	27.824	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.881	93	922780	30.682	ng/u1	99
29) 2,4-Dichlorophenol	10.110	162	662971	35.262	ng/u1	97
30) Naphthalene	10.504	128	2165144	32.396	ng/u1	100
32) 4-Chloroaniline	10.622	127	855157	31.155	ng/u1	98
33) Hexachlorobutadiene	10.781	225	356052	31.531	ng/u1	96
34) Caprolactam	11.404	113	269363m	36.704	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	778952	35.445	ng/u1	98
36) 2-Methylnaphthalene	12.122	142	1513758	33.136	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.346	142	1526716	33.307	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	768102	33.961	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	279976	21.478	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	528907	34.453	ng/ul	95
42) 2,4,5-Trichlorophenol	12.810	196	589342	35.328	ng/ul	96
43) 1,1'-Biphenyl	13.146	154	1995958	33.181	ng/ul	98
44) 2-Chloronaphthalene	13.187	162	1543573	32.763	ng/ul	98
45) 2-Nitroaniline	13.398	65	486464	35.620	ng/ul	92
47) Dimethylphthalate	13.781	163	1993061	32.710	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	424894	35.082	ng/ul	98
50) Acenaphthylene	14.040	152	2553663	32.984	ng/ul	99
51) 3-Nitroaniline	14.234	138	501644	38.739	ng/ul	94
52) Acenaphthene	14.381	153	1647775	32.166	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	233824	38.242	ng/ul	99
55) 4-Nitrophenol	14.545	109	326180	36.860	ng/ul	95
56) Dibenzofuran	14.716	168	2336952	33.577	ng/ul	97
57) 2,4-Dinitrotoluene	14.693	165	641921	36.121	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	486485	34.863	ng/ul	99
59) Diethylphthalate	15.151	149	2039952	32.445	ng/ul	99
61) Fluorene	15.369	166	1875856	33.470	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.363	204	884974	32.600	ng/ul	95
63) 4-Nitroaniline	15.398	138	544551	44.174	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	360940	37.163	ng/ul	99
67) N-Nitrosodiphenylamine	15.581	169	1716733	34.265	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	570688	32.405	ng/ul	100
69) Hexachlorobenzene	16.363	284	676275	33.881	ng/ul	98
70) Atrazine	16.539	200	510489	32.270	ng/ul	99
71) Pentachlorophenol	16.716	266	443195	34.704	ng/ul	96
72) Phenanthrene	17.110	178	3101837	33.500	ng/ul	98
74) Anthracene	17.198	178	3132201	33.384	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.110	216	738008	31.545	ng/ul	95
76) Pentachlorobenzene	14.634	250	757482	33.241	ng/ul	97
77) Carbazole	17.475	167	3117532	38.969	ng/ul	98
78) Di-n-butylphthalate	18.039	149	3703722	33.651	ng/ul	99
80) Fluoranthene	19.128	202	3690590	32.253	ng/ul	100
82) Pyrene	19.492	202	3960690	33.737	ng/ul	98
83) Butylbenzylphthalate	20.398	149	1799227	32.448	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.210	252	1382628	40.297	ng/ul	95
85) Benzo(a)anthracene	21.280	228	4012898	33.508	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.210	149	2458487	30.416	ng/ul	98
87) Chrysene	21.345	228	3864133	34.543	ng/ul	100
89) Di-n-octyl phthalate	22.322	149	4580303	35.056	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	4104217	35.184	ng/ul	98
91) Benzo(k)fluoranthene	23.374	252	4031548	35.221	ng/ul	99
93) Benzo(a)pyrene	24.104	252	3474275	31.800	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.539	276	4140664m	32.889	ng/ul	
95) Dibenzo(a,h)anthracene	27.604	278	3409746	33.174	ng/ul	96
96) Benzo(g,h,i)perylene	28.580	276	3101350	30.989	ng/ul	99

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

