

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031813.D
 Acq On : 06 Jun 2024 11:16
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020276

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 12:26:21 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	7.669	152	504396	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	2122824	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1248204	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2409069	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1816830	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1915738	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	95915	7.867	ng/uL	0.00
4) Pyridine-d5	3.587	84	679930	19.811	ng/u1	-0.01
7) Phenol-d5	6.846	99	875419	20.245	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	492888	19.487	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	683675	20.721	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	683104	19.380	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	341582	21.045	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.546	143	371327	22.147	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	636649	20.339	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	898556	19.334	ng/u1	-0.01
46) Dimethylphthalate-d6	13.734	166	1719914	19.779	ng/u1	-0.01
49) Acenaphthylene-d8	14.004	160	2055007	20.553	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.528	143	341888	19.637	ng/u1	0.00
60) Fluorene-d10	15.310	176	1473297	20.024	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	260230	21.490	ng/u1	0.00
73) Anthracene-d10	17.163	188	2160931	20.952	ng/u1	0.00
81) Pyrene-d10	19.463	212	2192002	22.546	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.033	264	1857123	20.302	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	104434	8.006	ng/uL	99
5) Pyridine	3.611	79	691827	20.160	ng/u1	95
6) Benzaldehyde	6.822	77	384539	18.960	ng/u1	97
8) Phenol	6.869	94	887280	20.162	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.105	93	724886	19.921	ng/u1	97
12) 2-Chlorophenol	7.234	128	698758	20.238	ng/u1	99
13) 2-Methylphenol	8.116	108	666153	19.599	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.193	45	782915	18.691	ng/u1	99
16) Acetophenone	8.493	105	1056654	19.781	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.481	70	511881	18.492	ng/u1	97
18) 4-Methylphenol	8.440	108	723559	19.638	ng/u1	98
19) Hexachloroethane	8.740	117	290404	19.862	ng/u1	91
22) Nitrobenzene	8.869	77	794626	20.548	ng/u1	98
23) Isophorone	9.393	82	1479658	18.652	ng/u1	100
25) 2-Nitrophenol	9.575	139	391050	21.348	ng/u1	98
26) 2,4-Dimethylphenol	9.640	107	707869	19.864	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.875	93	937214	18.957	ng/u1	99
29) 2,4-Dichlorophenol	10.104	162	630396	20.397	ng/u1	98
30) Naphthalene	10.504	128	2209894	20.115	ng/u1	99
32) 4-Chloroaniline	10.622	127	882384	19.556	ng/u1	100
33) Hexachlorobutadiene	10.781	225	384243	20.700	ng/u1	96
34) Caprolactam	11.398	113	225370m	18.682	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	695853	19.262	ng/u1	100
36) 2-Methylnaphthalene	12.122	142	1454550	19.369	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	1469797	19.507	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.493	216	715424	21.672	ng/ul	99
40) Hexachlorocyclopentadiene	12.463	237	495162	26.026	ng/ul	96
41) 2,4,6-Trichlorophenol	12.740	196	485733	21.679	ng/ul	97
42) 2,4,5-Trichlorophenol	12.810	196	516892	21.229	ng/ul	96
43) 1,1'-Biphenyl	13.145	154	1842552	20.987	ng/ul	98
44) 2-Chloronaphthalene	13.187	162	1448820	21.069	ng/ul	99
45) 2-Nitroaniline	13.398	65	411911	20.665	ng/ul	92
47) Dimethylphthalate	13.781	163	1758740	19.776	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	367905	20.812	ng/ul	99
50) Acenaphthylene	14.034	152	2376230	21.028	ng/ul	99
51) 3-Nitroaniline	14.228	138	375639	19.875	ng/ul	100
52) Acenaphthene	14.381	153	1546541	20.684	ng/ul	98
53) 2,4-Dinitrophenol	14.439	184	234719	26.301	ng/ul	97
55) 4-Nitrophenol	14.539	109	270994	20.982	ng/ul	97
56) Dibenzofuran	14.716	168	2066001	20.338	ng/ul	99
57) 2,4-Dinitrotoluene	14.692	165	511621	19.725	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	420273	20.636	ng/ul	100
59) Diethylphthalate	15.151	149	1760602	19.186	ng/ul	99
61) Fluorene	15.369	166	1680096	20.539	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.363	204	802294	20.249	ng/ul	97
63) 4-Nitroaniline	15.392	138	346390	19.252	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.457	198	286317	22.242	ng/ul	97
67) N-Nitrosodiphenylamine	15.581	169	1437793	21.652	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	485664	20.807	ng/ul	97
69) Hexachlorobenzene	16.363	284	548219	20.723	ng/ul	97
70) Atrazine	16.533	200	411325	19.618	ng/ul	97
71) Pentachlorophenol	16.716	266	336443	19.877	ng/ul	98
72) Phenanthrene	17.104	178	2537745	20.679	ng/ul	100
74) Anthracene	17.198	178	2608046	20.973	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	716511	23.107	ng/ul	94
76) Pentachlorobenzene	14.634	250	679541	22.500	ng/ul	96
77) Carbazole	17.469	167	2310184	21.788	ng/ul	98
78) Di-n-butylphthalate	18.039	149	2884094	19.771	ng/ul	100
80) Fluoranthene	19.127	202	2687048	23.126	ng/ul	99
82) Pyrene	19.492	202	2783849	23.352	ng/ul	97
83) Butylbenzylphthalate	20.404	149	1194083	21.207	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.216	252	773270	22.195	ng/ul	95
85) Benzo(a)anthracene	21.286	228	2404825	19.775	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.210	149	1635732	19.929	ng/ul	100
87) Chrysene	21.345	228	2226093	19.597	ng/ul	96
89) Di-n-octyl phthalate	22.327	149	2686548	20.947	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2309733	20.171	ng/ul	98
91) Benzo(k)fluoranthene	23.368	252	2267170	20.177	ng/ul	99
93) Benzo(a)pyrene	24.098	252	2161209	20.152	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.539	276	2632521	21.301	ng/ul	98
95) Dibenzo(a,h)anthracene	27.603	278	2189716	21.703	ng/ul	97
96) Benzo(g,h,i)perylene	28.568	276	2169620m	22.085	ng/ul	

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

