

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031218.D
 Acq On : 25 Apr 2024 11:37
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020382

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 26 02:27:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 22:56:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	258429	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.410	136	1088110	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	679676	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.034	188	1419658	20.000	ng/ul	0.00
79) Chrysene-d12	21.275	240	1138329	20.000	ng/ul	0.00
88) Perylene-d12	24.186	264	1181354	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	44421	8.031	ng/uL	0.00
4) Pyridine-d5	3.546	84	317953	19.959	ng/ul	0.00
7) Phenol-d5	6.811	99	436422	20.019	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	253688	20.001	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.164	132	359833	21.199	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	356813	19.462	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	182707	23.370	ng/ul	0.00
24) 2-Nitrophenol-d4	9.505	143	195523	24.060	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	349710	21.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.558	131	496876	19.840	ng/ul	0.00
46) Dimethylphthalate-d6	13.699	166	972638	20.564	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1181768	22.049	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143	187546	18.998	ng/ul	0.01
60) Fluorene-d10	15.281	176	851401	20.678	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	93966	13.119	ng/ul	0.00
73) Anthracene-d10	17.134	188	1325379	21.539	ng/ul	0.00
81) Pyrene-d10	19.439	212	1569152	28.052	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1235125	22.048	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.176	88	47412	8.088	ng/uL	93
5) Pyridine	3.564	79	319846	19.897	ng/ul	98
6) Benzaldehyde	6.781	77	261392	24.419	ng/ul	98
8) Phenol	6.834	94	445027	19.800	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.064	93	359968	20.298	ng/ul	99
12) 2-Chlorophenol	7.193	128	374340	21.217	ng/ul	99
13) 2-Methylphenol	8.075	108	341362	19.599	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.152	45	464003	20.069	ng/ul	99
16) Acetophenone	8.452	105	544408	19.165	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.434	70	265116	18.724	ng/ul	98
18) 4-Methylphenol	8.405	108	371490	19.041	ng/ul	99
19) Hexachloroethane	8.693	117	155109	21.186	ng/ul	98
22) Nitrobenzene	8.828	77	415913	22.541	ng/ul	99
23) Isophorone	9.352	82	763432	20.274	ng/ul	100
25) 2-Nitrophenol	9.534	139	208422	23.181	ng/ul	96
26) 2,4-Dimethylphenol	9.599	107	384906	20.991	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.834	93	471710	20.624	ng/ul	100
29) 2,4-Dichlorophenol	10.063	162	344501	21.522	ng/ul	99
30) Naphthalene	10.463	128	1196951	21.226	ng/ul	99
32) 4-Chloroaniline	10.581	127	485735	19.961	ng/ul	99
33) Hexachlorobutadiene	10.734	225	215719	22.107	ng/ul	96
34) Caprolactam	11.369	113	117200	18.583	ng/ul	98
35) 4-Chloro-3-methylphenol	11.716	107	376566	20.290	ng/ul	97
36) 2-Methylnaphthalene	12.081	142	801642	20.158	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.304	142	805670	20.022	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.452	216	401013	22.548	ng/ul	95
40) Hexachlorocyclopentadiene	12.428	237	112417	11.507	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	270229	22.827	ng/ul	94
42) 2,4,5-Trichlorophenol	12.781	196	293361	22.351	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	1019787	21.816	ng/ul	99
44) 2-Chloronaphthalene	13.152	162	813854	21.788	ng/ul	98
45) 2-Nitroaniline	13.363	65	234939	22.783	ng/ul	97
47) Dimethylphthalate	13.746	163	982808	20.142	ng/ul	98
48) 2,6-Dinitrotoluene	13.869	165	209421	22.864	ng/ul	98
50) Acenaphthylene	14.004	152	1334665	21.318	ng/ul	99
51) 3-Nitroaniline	14.198	138	239482	22.775	ng/ul	97
52) Acenaphthene	14.346	153	864572	20.832	ng/ul	99
53) 2,4-Dinitrophenol	14.410	184	52759	10.186	ng/ul	96
55) 4-Nitrophenol	14.522	109	151256	18.880	ng/ul	96
56) Dibenzofuran	14.681	168	1193737	20.803	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	305288	21.936	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.916	232	249188	21.968	ng/ul	94
59) Diethylphthalate	15.116	149	1019374	20.314	ng/ul	98
61) Fluorene	15.334	166	949009	20.097	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.334	204	464180	20.637	ng/ul	97
63) 4-Nitroaniline	15.369	138	257742m	22.735	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	102406	13.315	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	833725	21.910	ng/ul	98
68) 4-Bromophenyl-phenylether	16.228	248	293831	21.885	ng/ul	92
69) Hexachlorobenzene	16.340	284	339292	21.921	ng/ul	97
70) Atrazine	16.510	200	296023	22.159	ng/ul	98
71) Pentachlorophenol	16.687	266	215032	21.383	ng/ul	98
72) Phenanthrene	17.075	178	1565932	20.854	ng/ul	98
74) Anthracene	17.169	178	1618958	21.305	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.069	216	406218	24.395	ng/ul	99
76) Pentachlorobenzene	14.598	250	380102	22.105	ng/ul	95
77) Carbazole	17.445	167	1494507	21.531	ng/ul	98
78) Di-n-butylphthalate	18.004	149	1896043	22.410	ng/ul	99
80) Fluoranthene	19.098	202	1893179	28.597	ng/ul	98
82) Pyrene	19.469	202	1906931	27.415	ng/ul	99
83) Butylbenzylphthalate	20.375	149	910275	29.658	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.186	252	530723	22.375	ng/ul	97
85) Benzo(a)anthracene	21.257	228	1719079	22.239	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1297018	28.145	ng/ul	99
87) Chrysene	21.316	228	1601876	21.831	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	2288367	33.606	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	1547261	23.278	ng/ul	99
91) Benzo(k)fluoranthene	23.322	252	1523542	22.789	ng/ul	98
93) Benzo(a)pyrene	24.045	252	1406551	21.212	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.445	276	1657525	20.144	ng/ul	98
95) Dibenzo(a,h)anthracene	27.504	278	1374357	20.349	ng/ul	98
96) Benzo(g,h,i)perylene	28.457	276	1305702m	19.705	ng/ul	

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

