

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051524\
 Data File : BN031525.D
 Acq On : 14 May 2024 15:11
 Operator : MA/JU
 Sample : SSTD08060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD080242

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
 Supervised By :mohammad ahmed 05/17/2024

Quant Time: May 15 02:34:13 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN051524.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 14 15:23:17 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	314163	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	1422896	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	904030	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1894324	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1866629	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	2200293	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	245577	33.095	ng/uL	0.00
4) Pyridine-d5	3.599	84	1965144	99.111	ng/u1	0.00
7) Phenol-d5	6.863	99	2285318	93.421	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	1395736	96.770	ng/u1	0.00
11) 2-Chlorophenol-d4	7.234	132	1645421	83.229	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	1753008	88.284	ng/u1	0.00
21) Nitrobenzene-d5	8.857	128	859285	82.383	ng/u1	0.00
24) 2-Nitrophenol-d4	9.575	143	758679	70.432	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.104	165	1622266	78.736	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	2550954	85.997	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	4810699	75.829	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	5744564	80.415	ng/u1	0.00
54) 4-Nitrophenol-d4	14.539	143	986268	88.504	ng/u1	0.01
60) Fluorene-d10	15.334	176	4181320	79.208	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	639118	61.549	ng/u1	0.00
73) Anthracene-d10	17.186	188	6576217	80.437	ng/u1	0.00
81) Pyrene-d10	19.474	212	7700813	73.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	8801813	84.810	ng/u1	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	264583	35.366	ng/uL	97
5) Pyridine	3.622	79	1928485	96.260	ng/u1	95
6) Benzaldehyde	6.852	77	980887m	81.642	ng/u1	
8) Phenol	6.893	94	2355121	94.029	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.134	93	1912046	94.253	ng/u1	96
12) 2-Chlorophenol	7.263	128	1730084	83.140	ng/u1	99
13) 2-Methylphenol	8.140	108	1755548	92.053	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.228	45	2423742	103.906	ng/u1	99
16) Acetophenone	8.522	105	2808745	87.542	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.522	70	1432689	90.177	ng/u1	94
18) 4-Methylphenol	8.469	108	1864716	90.843	ng/u1	98
19) Hexachloroethane	8.775	117	730076	79.254	ng/u1	92
22) Nitrobenzene	8.899	77	2183349	85.270	ng/u1	96
23) Isophorone	9.428	82	4250516	87.297	ng/u1	97
25) 2-Nitrophenol	9.604	139	856396	72.736	ng/u1	95
26) 2,4-Dimethylphenol	9.663	107	1914431	78.711	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.910	93	2584267	89.157	ng/u1	99
29) 2,4-Dichlorophenol	10.134	162	1579740	77.394	ng/u1	97
30) Naphthalene	10.534	128	5800776	78.668	ng/u1	99
32) 4-Chloroaniline	10.646	127	2506614	86.996	ng/u1	97
33) Hexachlorobutadiene	10.822	225	957086	67.276	ng/u1	96
34) Caprolactam	11.428	113	620768m	94.034	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	1886426	79.732	ng/u1	96
36) 2-Methylnaphthalene	12.151	142	3894782	77.989	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	3928769	78.973	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.516	216	1901726	75.900	ng/ul	95
40) Hexachlorocyclopentadiene	12.498	237	1107250	68.492	ng/ul	98
41) 2,4,6-Trichlorophenol	12.763	196	1213040	76.103	ng/ul	99
42) 2,4,5-Trichlorophenol	12.834	196	1345830	77.542	ng/ul	98
43) 1,1'-Biphenyl	13.175	154	4959991	77.317	ng/ul	98
44) 2-Chloronaphthalene	13.210	162	3922968	77.285	ng/ul	95
45) 2-Nitroaniline	13.422	65	1240557	88.443	ng/ul	89
47) Dimethylphthalate	13.810	163	4906280	75.568	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	1029438	81.414	ng/ul	99
50) Acenaphthylene	14.063	152	6484815	78.505	ng/ul	98
51) 3-Nitroaniline	14.251	138	1022458	80.407	ng/ul#	97
52) Acenaphthene	14.404	153	4283864	77.610	ng/ul	97
53) 2,4-Dinitrophenol	14.451	184	410245	57.920	ng/ul	95
55) 4-Nitrophenol	14.557	109	747131	67.149	ng/ul	94
56) Dibenzofuran	14.739	168	5797924	78.636	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	1496821	81.995	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.963	232	1055781	73.031	ng/ul	98
59) Diethylphthalate	15.181	149	5093149	75.978	ng/ul	99
61) Fluorene	15.392	166	4643644	75.986	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.392	204	2235555	74.297	ng/ul	97
63) 4-Nitroaniline	15.416	138	1005470	87.181	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.469	198	700133	64.405	ng/ul#	92
67) N-Nitrosodiphenylamine	15.604	169	4079828	76.663	ng/ul	96
68) 4-Bromophenyl-phenylether	16.281	248	1455941	77.806	ng/ul	91
69) Hexachlorobenzene	16.381	284	1608562	73.136	ng/ul	98
70) Atrazine	16.557	200	1264901	73.482	ng/ul	98
71) Pentachlorophenol	16.728	266	936067	70.021	ng/ul	96
72) Phenanthrene	17.128	178	7659586	78.485	ng/ul	100
74) Anthracene	17.216	178	7730904	77.565	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.128	216	1963291	77.491	ng/ul	99
76) Pentachlorobenzene	14.657	250	1842032	73.416	ng/ul	97
77) Carbazole	17.486	167	7296642	84.341	ng/ul	97
78) Di-n-butylphthalate	18.063	149	8762524	76.925	ng/ul	99
80) Fluoranthene	19.139	202	9124452	72.387	ng/ul	99
82) Pyrene	19.510	202	9349884	70.672	ng/ul	98
83) Butylbenzylphthalate	20.421	149	4009413	73.287	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.227	252	3091064	90.624	ng/ul	99
85) Benzo(a)anthracene	21.298	228	9941550	79.612	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.239	149	6100289	77.311	ng/ul	98
87) Chrysene	21.363	228	9221257	78.688	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	10712321	74.873	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	10564031	81.192	ng/ul	98
91) Benzo(k)fluoranthene	23.398	252	10465107	80.460	ng/ul	98
93) Benzo(a)pyrene	24.133	252	10228441	84.668	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.586	276	12222992	84.052	ng/ul	97
95) Dibenzo(a,h)anthracene	27.650	278	10084160	83.268	ng/ul	99
96) Benzo(g,h,i)perylene	28.621	276	9596496	81.349	ng/ul	99

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

