

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032824\
 Data File : BN030521.D
 Acq On : 28 Mar 2024 12:44
 Operator : MA/JU
 Sample : SSTD08036
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080214

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2024
 Supervised By :mohammad ahmed 03/30/2024

Quant Time: Mar 29 02:13:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 28 12:36:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	313695	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	1465105	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.363	164	1005528	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.110	188	2107217	20.000	ng/u1	0.00
79) Chrysene-d12	21.357	240	1753753	20.000	ng/u1	0.01
88) Perylene-d12	24.309	264	2082956	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	205543	28.372	ng/uL	0.00
4) Pyridine-d5	3.616	84	1610762	72.275	ng/u1	0.00
7) Phenol-d5	6.893	99	2083470	74.911	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.063	67	1222089	69.224	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	1632849	83.201	ng/u1	0.00
15) 4-Methylphenol-d8	8.434	113	1742626	75.493	ng/u1	0.02
21) Nitrobenzene-d5	8.881	128	886109	89.279	ng/u1	0.00
24) 2-Nitrophenol-d4	9.598	143	939319	105.912	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.128	165	1714181	86.582	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	2648834	76.161	ng/u1	0.01
46) Dimethylphthalate-d6	13.786	166	5114119	73.518	ng/u1	0.01
49) Acenaphthylene-d8	14.057	160	5898848	74.854	ng/u1	0.00
54) 4-Nitrophenol-d4	14.581	143	1066465	79.667	ng/u1	0.03
60) Fluorene-d10	15.363	176	4203195	70.085	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.486	200	875431	99.912	ng/u1	0.02
73) Anthracene-d10	17.210	188	6603508	72.764	ng/u1	0.00
81) Pyrene-d10	19.510	212	7383905	80.527	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.121	264	7904647	81.461	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	220428	28.455	ng/uL	98
5) Pyridine	3.640	79	1602336	71.570	ng/u1	97
6) Benzaldehyde	6.869	77	759997	56.372	ng/u1	99
8) Phenol	6.922	94	2126552	73.114	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.157	93	1679960	70.124	ng/u1	99
12) 2-Chlorophenol	7.287	128	1694427	79.671	ng/u1	98
13) 2-Methylphenol	8.163	108	1665505	74.590	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.246	45	2354935	71.000	ng/u1	99
16) Acetophenone	8.551	105	2557055	68.234	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.551	70	1301831	65.471	ng/u1	98
18) 4-Methylphenol	8.504	108	1825933	73.129	ng/u1	98
19) Hexachloroethane	8.793	117	689022	78.702	ng/u1	97
22) Nitrobenzene	8.928	77	1999393	77.779	ng/u1	99
23) Isophorone	9.457	82	4051827	72.854	ng/u1	100
25) 2-Nitrophenol	9.628	139	1003946	96.191	ng/u1	98
26) 2,4-Dimethylphenol	9.693	107	1945144	76.946	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.934	93	2411366	70.115	ng/u1	98
29) 2,4-Dichlorophenol	10.157	162	1679386	83.047	ng/u1	100
30) Naphthalene	10.557	128	5586918	73.516	ng/u1	100
32) 4-Chloroaniline	10.675	127	2518125	74.729	ng/u1	99
33) Hexachlorobutadiene	10.840	225	1009639	83.633	ng/u1	98
34) Caprolactam	11.487	113	649217m	77.579	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	1920336	78.001	ng/u1	99
36) 2-Methylnaphthalene	12.175	142	3877467	72.523	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032824\
 Data File : BN030521.D
 Acq On : 28 Mar 2024 12:44
 Operator : MA/JU
 Sample : SSTD08036
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD080214

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/30/2024

Supervised By :mohammad ahmed 03/30/2024

Quant Time: Mar 29 02:13:33 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 28 12:36:22 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	3890584	72.124	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	1968619	78.900	ng/ul	97
40) Hexachlorocyclopentadiene	12.522	237	1222328	88.236	ng/ul	97
41) 2,4,6-Trichlorophenol	12.787	196	1401000	88.766	ng/ul	98
42) 2,4,5-Trichlorophenol	12.857	196	1542682	87.923	ng/ul	97
43) 1,1'-Biphenyl	13.198	154	4978887	71.697	ng/ul	99
44) 2-Chloronaphthalene	13.239	162	3989052	73.963	ng/ul	99
45) 2-Nitroaniline	13.451	65	1285071	86.251	ng/ul	98
47) Dimethylphthalate	13.834	163	5171456	71.249	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	1161177	92.190	ng/ul	99
50) Acenaphthylene	14.086	152	6456865	70.030	ng/ul	99
51) 3-Nitroaniline	14.281	138	1078388	77.740	ng/ul	98
52) Acenaphthene	14.428	153	4276030	70.442	ng/ul	95
53) 2,4-Dinitrophenol	14.481	184	594259	104.779	ng/ul	98
55) 4-Nitrophenol	14.598	109	829571	79.268	ng/ul	96
56) Dibenzofuran	14.763	168	5870693	70.388	ng/ul	99
57) 2,4-Dinitrotoluene	14.739	165	1622866	87.630	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.986	232	1299641	87.911	ng/ul	98
59) Diethylphthalate	15.204	149	5374395	72.489	ng/ul	99
61) Fluorene	15.416	166	4165216	60.279	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.416	204	2073189	62.591	ng/ul	97
63) 4-Nitroaniline	15.457	138	994067	71.037	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.504	198	892577	92.059	ng/ul	97
67) N-Nitrosodiphenylamine	15.633	169	4184833	72.245	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	1552682	79.530	ng/ul	94
69) Hexachlorobenzene	16.410	284	1712856	74.468	ng/ul	96
70) Atrazine	16.592	200	1577362	78.246	ng/ul	98
71) Pentachlorophenol	16.757	266	1206736	88.262	ng/ul	98
72) Phenanthrene	17.157	178	7557520	69.339	ng/ul	99
74) Anthracene	17.245	178	7490048	67.397	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	2056226	84.265	ng/ul	98
76) Pentachlorobenzene	14.681	250	2004954	79.113	ng/ul	94
77) Carbazole	17.516	167	7051974	71.974	ng/ul	98
78) Di-n-butylphthalate	18.092	149	8983302	72.946	ng/ul	100
80) Fluoranthene	19.174	202	8499799	76.680	ng/ul	99
82) Pyrene	19.539	202	8597169	74.262	ng/ul	99
83) Butylbenzylphthalate	20.451	149	4131944	90.655	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.263	252	2521290	71.708	ng/ul	98
85) Benzo(a)anthracene	21.333	228	8896772	75.258	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.274	149	5391304	75.857	ng/ul	99
87) Chrysene	21.404	228	8354164	76.306	ng/ul	99
89) Di-n-octyl phthalate	22.398	149	10673074	82.257	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	9591336	78.540	ng/ul	96
91) Benzo(k)fluoranthene	23.457	252	9305402	74.055	ng/ul	99
93) Benzo(a)pyrene	24.198	252	9001293	77.373	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.656	276	10995775m	84.450	ng/ul	
95) Dibenzo(a,h)anthracene	27.733	278	8998051	82.423	ng/ul	94
96) Benzo(g,h,i)perylene	28.715	276	8520973	83.080	ng/ul	98

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

