

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032824\
 Data File : BN030519.D
 Acq On : 28 Mar 2024 11:25
 Operator : MA/JU
 Sample : SSTD02034
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020212

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/28/2024
 Supervised By :mohammad ahmed 03/30/2024

Quant Time: Mar 28 12:44:56 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	235146	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	1109256	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	794254	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.104	188	1694565	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	1576399	20.000	ng/u1	0.00
88) Perylene-d12	24.304	264	1629843	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	41931	7.721	ng/uL	0.00
4) Pyridine-d5	3.617	84	301565	18.051	ng/u1	0.00
7) Phenol-d5	6.881	99	389553	18.685	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.058	67	249775	18.874	ng/u1	0.00
11) 2-Chlorophenol-d4	7.252	132	304518	20.700	ng/u1	0.00
15) 4-Methylphenol-d8	8.416	113	329869	19.064	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	161885	21.543	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	145986	21.741	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	327346	21.838	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	535581	20.339	ng/u1	0.00
46) Dimethylphthalate-d6	13.775	166	1118645	20.359	ng/u1	0.00
49) Acenaphthylene-d8	14.051	160	1307567	21.006	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	209711	19.833	ng/u1	0.00
60) Fluorene-d10	15.351	176	981726	20.724	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	132396	18.790	ng/u1	0.00
73) Anthracene-d10	17.204	188	1539615	21.096	ng/u1	0.00
81) Pyrene-d10	19.504	212	1776383	21.552	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.098	264	1601151	21.088	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	44437	7.652	ng/uL	100
5) Pyridine	3.640	79	313273	18.667	ng/u1	100
6) Benzaldehyde	6.863	77	234353m	23.189	ng/u1	
8) Phenol	6.911	94	411659	18.881	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.152	93	343523	19.129	ng/u1	100
12) 2-Chlorophenol	7.281	128	326597	20.486	ng/u1	100
13) 2-Methylphenol	8.152	108	314865	18.812	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	483782	19.458	ng/u1	100
16) Acetophenone	8.540	105	547078	19.475	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.528	70	274014	18.384	ng/u1	100
18) 4-Methylphenol	8.481	108	356184	19.030	ng/u1	100
19) Hexachloroethane	8.793	117	134056	20.427	ng/u1	100
22) Nitrobenzene	8.916	77	392360	20.160	ng/u1	100
23) Isophorone	9.440	82	801403	19.032	ng/u1	100
25) 2-Nitrophenol	9.622	139	174783	22.119	ng/u1	100
26) 2,4-Dimethylphenol	9.681	107	383714	20.048	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.922	93	502770	19.309	ng/u1	100
29) 2,4-Dichlorophenol	10.146	162	331512	21.653	ng/u1	100
30) Naphthalene	10.552	128	1189298	20.670	ng/u1	100
32) 4-Chloroaniline	10.663	127	520018	20.383	ng/u1	100
33) Hexachlorobutadiene	10.834	225	203348	22.248	ng/u1	100
34) Caprolactam	11.434	113	118762m	18.744	ng/u1	
35) 4-Chloro-3-methylphenol	11.787	107	381783	20.482	ng/u1	100
36) 2-Methylnaphthalene	12.169	142	842769	20.820	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.393	142	855334	20.943	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.534	216	426347	21.633	ng/ul	100
40) Hexachlorocyclopentadiene	12.516	237	234004	21.385	ng/ul	100
41) 2,4,6-Trichlorophenol	12.781	196	275634	22.109	ng/ul	100
42) 2,4,5-Trichlorophenol	12.846	196	308392	22.252	ng/ul	100
43) 1,1'-Biphenyl	13.193	154	1132352	20.643	ng/ul	100
44) 2-Chloronaphthalene	13.228	162	889421	20.878	ng/ul	100
45) 2-Nitroaniline	13.434	65	240974	20.476	ng/ul	100
47) Dimethylphthalate	13.822	163	1159085	20.217	ng/ul	100
48) 2,6-Dinitrotoluene	13.940	165	217226	21.834	ng/ul	100
50) Acenaphthylene	14.081	152	1515127	20.804	ng/ul	100
51) 3-Nitroaniline	14.263	138	240093	21.912	ng/ul	100
52) Acenaphthene	14.422	153	988741	20.621	ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	73917	16.500	ng/ul	100
55) 4-Nitrophenol	14.569	109	168185	20.345	ng/ul	100
56) Dibenzofuran	14.757	168	1376741	20.898	ng/ul	100
57) 2,4-Dinitrotoluene	14.722	165	323762	22.132	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.981	232	252527	21.625	ng/ul	100
59) Diethylphthalate	15.192	149	1188088	20.287	ng/ul	100
61) Fluorene	15.410	166	1128418	20.674	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.404	204	551309	21.072	ng/ul	100
63) 4-Nitroaniline	15.428	138	245365	22.198	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.481	198	148450	19.039	ng/ul	100
67) N-Nitrosodiphenylamine	15.622	169	982531	21.092	ng/ul	100
68) 4-Bromophenyl-phenylether	16.304	248	332582	21.183	ng/ul	100
69) Hexachlorobenzene	16.404	284	406736	21.989	ng/ul	100
70) Atrazine	16.575	200	337378	20.811	ng/ul	100
71) Pentachlorophenol	16.751	266	217830	19.812	ng/ul	100
72) Phenanthrene	17.145	178	1828376	20.860	ng/ul	100
74) Anthracene	17.239	178	1872845	20.956	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.146	216	423261	21.569	ng/ul	100
76) Pentachlorobenzene	14.669	250	443741	21.773	ng/ul	100
77) Carbazole	17.504	167	1701377	21.593	ng/ul	100
78) Di-n-butylphthalate	18.086	149	2078033	20.983	ng/ul	100
80) Fluoranthene	19.169	202	2132035	21.398	ng/ul	100
82) Pyrene	19.528	202	2217576	21.310	ng/ul	100
83) Butylbenzylphthalate	20.445	149	886985	21.650	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.257	252	654288	20.702	ng/ul	100
85) Benzo(a)anthracene	21.327	228	2211599	20.813	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.269	149	1361059	21.305	ng/ul	100
87) Chrysene	21.386	228	2080364	21.140	ng/ul	100
89) Di-n-octyl phthalate	22.398	149	2122666	20.907	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2097799	21.954	ng/ul	100
91) Benzo(k)fluoranthene	23.427	252	2103251	21.392	ng/ul	100
93) Benzo(a)pyrene	24.163	252	1953914	21.465	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.621	276	2113324	20.743	ng/ul	100
95) Dibenzo(a,h)anthracene	27.692	278	1767004	20.686	ng/ul	100
96) Benzo(g,h,i)perylene	28.656	276	1646095	20.511	ng/ul	100

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

