

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030824\
 Data File : BN030353.D
 Acq On : 08 Mar 2024 12:51
 Operator : MA/JU
 Sample : SSTD08018
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD080243

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 08 14:37:53 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 08 12:19:03 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	116005	20.000	ng/ul	0.00
20) Naphthalene-d8	10.593	136	446722	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	239221	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	460796	20.000	ng/ul	0.00
79) Chrysene-d12	21.439	240	382142	20.000	ng/ul	0.00
88) Perylene-d12	23.792	264	462349	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	110520	31.454	ng/uL	0.00
4) Pyridine-d5	3.675	84	693527	75.344	ng/ul	0.00
7) Phenol-d5	6.975	99	829291	76.025	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.152	67	478658	68.037	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	697167	86.929	ng/ul	0.00
15) 4-Methylphenol-d8	8.522	113	653824	79.562	ng/ul	0.01
21) Nitrobenzene-d5	8.969	128	334223	93.860	ng/ul	0.00
24) 2-Nitrophenol-d4	9.687	143	366702	112.829	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	613851	97.514	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	842013	80.770	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	1642519	89.302	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	1895263	87.923	ng/ul	0.00
54) 4-Nitrophenol-d4	14.675	143	298094	85.618	ng/ul	0.01
60) Fluorene-d10	15.457	176	1305834	84.254	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	259900	107.080	ng/ul	0.00
73) Anthracene-d10	17.316	188	1895766	85.497	ng/ul	0.00
81) Pyrene-d10	19.622	212	2056763	86.640	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	2071886	86.851	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	110506	30.765	ng/uL	97
5) Pyridine	3.699	79	701137	73.978	ng/ul	99
6) Benzaldehyde	6.952	77	318382	65.315	ng/ul	98
8) Phenol	6.999	94	809664	72.780	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.246	93	664839	72.347	ng/ul	99
12) 2-Chlorophenol	7.363	128	709286	84.379	ng/ul	99
13) 2-Methylphenol	8.246	108	618835	76.678	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.328	45	599802m	52.797	ng/ul	
16) Acetophenone	8.634	105	1003513	76.377	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.640	70	498105	74.094	ng/ul	99
18) 4-Methylphenol	8.587	108	647389	75.572	ng/ul	97
19) Hexachloroethane	8.863	117	339698	87.588	ng/ul	98
22) Nitrobenzene	9.016	77	827377	83.241	ng/ul	96
23) Isophorone	9.546	82	1403352	80.707	ng/ul	99
25) 2-Nitrophenol	9.716	139	379789	103.287	ng/ul	99
26) 2,4-Dimethylphenol	9.781	107	749595	88.358	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.028	93	837622	77.406	ng/ul	100
29) 2,4-Dichlorophenol	10.246	162	600287	92.716	ng/ul	98
30) Naphthalene	10.646	128	2157197	83.064	ng/ul	99
32) 4-Chloroaniline	10.769	127	813413	78.858	ng/ul	99
33) Hexachlorobutadiene	10.916	225	424167	104.733	ng/ul	95
34) Caprolactam	11.581	113	168193m	78.290	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	668877	89.257	ng/ul	97
36) 2-Methylnaphthalene	12.263	142	1377899	85.235	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.487	142	1352144	84.179	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.634	216	662425	92.344	ng/ul	95
40) Hexachlorocyclopentadiene	12.604	237	520068	109.501	ng/ul	92
41) 2,4,6-Trichlorophenol	12.881	196	438449	102.793	ng/ul	95
42) 2,4,5-Trichlorophenol	12.951	196	465226	98.094	ng/ul	91
43) 1,1'-Biphenyl	13.287	154	1740293	85.512	ng/ul	98
44) 2-Chloronaphthalene	13.328	162	1356772	85.878	ng/ul	99
45) 2-Nitroaniline	13.545	65	425633	91.072	ng/ul	98
47) Dimethylphthalate	13.934	163	1642259	87.127	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	346329	101.430	ng/ul	99
50) Acenaphthylene	14.175	152	2138066	83.387	ng/ul	99
51) 3-Nitroaniline	14.381	138	312044	80.465	ng/ul	95
52) Acenaphthene	14.522	153	1414517	83.482	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	194817	109.992	ng/ul	97
55) 4-Nitrophenol	14.692	109	334931	100.723	ng/ul	95
56) Dibenzofuran	14.857	168	1826869	81.179	ng/ul	94
57) 2,4-Dinitrotoluene	14.845	165	473861	97.343	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.086	232	366618	104.525	ng/ul	99
59) Diethylphthalate	15.304	149	1731960	88.371	ng/ul	99
61) Fluorene	15.510	166	1494529	82.947	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	703511	86.190	ng/ul	92
63) 4-Nitroaniline	15.557	138	271423m	76.278	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.610	198	277876	105.435	ng/ul	93
67) N-Nitrosodiphenylamine	15.733	169	1256207	85.991	ng/ul	96
68) 4-Bromophenyl-phenylether	16.410	248	424887	93.134	ng/ul	92
69) Hexachlorobenzene	16.510	284	454247	88.920	ng/ul	97
70) Atrazine	16.698	200	404339	85.329	ng/ul	97
71) Pentachlorophenol	16.863	266	312760	102.149	ng/ul	98
72) Phenanthrene	17.257	178	2257503	83.138	ng/ul	99
74) Anthracene	17.351	178	2292046	84.069	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.245	216	632679	93.381	ng/ul	99
76) Pentachlorobenzene	14.769	250	564568	90.974	ng/ul	98
77) Carbazole	17.628	167	2000456	80.384	ng/ul	99
78) Di-n-butylphthalate	18.210	149	2930808	94.485	ng/ul	100
80) Fluoranthene	19.286	202	2557681	88.555	ng/ul	100
82) Pyrene	19.657	202	2566799	84.348	ng/ul	99
83) Butylbenzylphthalate	20.580	149	1347202	103.780	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	710557	92.201	ng/ul	95
85) Benzo(a)anthracene	21.421	228	2441953	85.442	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	2016213	101.062	ng/ul	97
87) Chrysene	21.474	228	2241080	83.405	ng/ul	96
89) Di-n-octyl phthalate	22.298	149	3510562	88.682	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	2531960	83.611	ng/ul	98
91) Benzo(k)fluoranthene	23.133	252	2569233	82.689	ng/ul	98
93) Benzo(a)pyrene	23.698	252	2450723	85.644	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.239	276	3006985m	88.156	ng/ul	
95) Dibenzo(a,h)anthracene	26.256	278	2435318	87.850	ng/ul	99
96) Benzo(g,h,i)perylene	26.974	276	2439824	86.206	ng/ul	96

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

