

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050324\
 Data File : BN031386.D
 Acq On : 03 May 2024 11:44
 Operator : MA/JU
 Sample : SSTD02052
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020233

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/04/2024

Supervised By :mohammad ahmed 05/04/2024

Supervised By :mohammad

Supervised By :mohammad

05/04/2024

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Supervised By :mohammad

ahmed

Quant Time: May 03 13:38:09 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 13:38:35 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	126702	20.000	ng/ul	0.00
20) Naphthalene-d8	10.375	136	537272	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.246	164	355509	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.998	188	755671	20.000	ng/ul	0.00
79) Chrysene-d12	21.239	240	733802	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	774389	20.000	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.117	96	22383	8.080	ng/uL	0.00
4) Pyridine-d5	3.523	84	154180	19.614	ng/ul	0.00
7) Phenol-d5	6.775	99	190868	18.727	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	110033	18.546	ng/ul	0.00
11) 2-Chlorophenol-d4	7.128	132	161228	19.589	ng/ul	0.00
15) 4-Methylphenol-d8	8.311	113	161905	19.158	ng/ul	0.00
21) Nitrobenzene-d5	8.758	128	81885	20.498	ng/ul	0.00
24) 2-Nitrophenol-d4	9.469	143	91180	21.085	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	162113	20.393	ng/ul	0.00
31) 4-Chloroaniline-d4	10.522	131	230805	20.213	ng/ul	0.00
46) Dimethylphthalate-d6	13.669	166	523357	21.370	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	573248	20.443	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	96277	21.550	ng/ul	0.00
60) Fluorene-d10	15.245	176	432633	20.842	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	91130	22.098	ng/ul	0.00
73) Anthracene-d10	17.098	188	684829	21.162	ng/ul	0.00
81) Pyrene-d10	19.404	212	778225	17.638	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.916	264	738779	20.068	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.152	88	23224	7.735	ng/uL	100
5) Pyridine	3.540	79	150718	19.201	ng/ul	100
6) Benzaldehyde	6.752	77	101020	20.319	ng/ul	100
8) Phenol	6.805	94	196075	18.943	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.034	93	157283	18.851	ng/ul	100
12) 2-Chlorophenol	7.164	128	168538	19.667	ng/ul	100
13) 2-Methylphenol	8.040	108	152871	19.003	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.116	45	174360	16.353	ng/ul	100
16) Acetophenone	8.422	105	266673	20.971	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.405	70	130554	19.715	ng/ul	100
18) 4-Methylphenol	8.375	108	167225	19.033	ng/ul	100
19) Hexachloroethane	8.658	117	74251	21.021	ng/ul	100
22) Nitrobenzene	8.799	77	196136	20.907	ng/ul	100
23) Isophorone	9.316	82	373942	20.512	ng/ul	100
25) 2-Nitrophenol	9.505	139	97799	20.896	ng/ul	100
26) 2,4-Dimethylphenol	9.563	107	195021	21.847	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.805	93	217566	19.236	ng/ul	100
29) 2,4-Dichlorophenol	10.028	162	162948	20.708	ng/ul	100
30) Naphthalene	10.428	128	554715	20.383	ng/ul	100
32) 4-Chloroaniline	10.546	127	227619	20.732	ng/ul	100
33) Hexachlorobutadiene	10.705	225	110845	22.978	ng/ul	100
34) Caprolactam	11.328	113	54575m	19.519	ng/ul	
35) 4-Chloro-3-methylphenol	11.675	107	191594	21.063	ng/ul	100
36) 2-Methylnaphthalene	12.046	142	382060	20.299	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	388829	20.441	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.416	216	200576	21.047	ng/ul	100
40) Hexachlorocyclopentadiene	12.393	237	115589	21.452	ng/ul	100
41) 2,4,6-Trichlorophenol	12.669	196	132457	20.350	ng/ul	100
42) 2,4,5-Trichlorophenol	12.740	196	144303	20.308	ng/ul	100
43) 1,1'-Biphenyl	13.075	154	504208	20.324	ng/ul	100
44) 2-Chloronaphthalene	13.116	162	400048	20.376	ng/ul	100
45) 2-Nitroaniline	13.334	65	116964	20.959	ng/ul	100
47) Dimethylphthalate	13.716	163	544500	21.679	ng/ul	100
48) 2,6-Dinitrotoluene	13.840	165	107660	21.892	ng/ul	100
50) Acenaphthylene	13.969	152	665258	20.832	ng/ul	100
51) 3-Nitroaniline	14.169	138	107751	20.782	ng/ul	100
52) Acenaphthene	14.310	153	438104	20.639	ng/ul	100
53) 2,4-Dinitrophenol	14.375	184	59506	20.741	ng/ul	100
55) 4-Nitrophenol	14.481	109	101207	26.480	ng/ul	100
56) Dibenzofuran	14.651	168	590682	20.577	ng/ul	100
57) 2,4-Dinitrotoluene	14.628	165	161024	22.316	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.881	232	125007	20.954	ng/ul	100
59) Diethylphthalate	15.087	149	570919	22.393	ng/ul	100
61) Fluorene	15.304	166	499705	21.557	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.298	204	247705	22.032	ng/ul	100
63) 4-Nitroaniline	15.340	138	101611	21.477	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.393	198	96999	22.088	ng/ul	100
67) N-Nitrosodiphenylamine	15.516	169	426760	20.624	ng/ul	100
68) 4-Bromophenyl-phenylether	16.198	248	156074	21.222	ng/ul	100
69) Hexachlorobenzene	16.298	284	183697	21.536	ng/ul	100
70) Atrazine	16.481	200	144063	21.377	ng/ul	100
71) Pentachlorophenol	16.651	266	113579	21.789	ng/ul	100
72) Phenanthrene	17.045	178	810250	20.886	ng/ul	100
74) Anthracene	17.134	178	809641	20.939	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.034	216	198103	20.099	ng/uL	100
76) Pentachlorobenzene	14.563	250	201554	20.806	ng/uL	100
77) Carbazole	17.410	167	733037	21.724	ng/ul	100
78) Di-n-butylphthalate	17.975	149	1000134	22.439	ng/ul	100
80) Fluoranthene	19.069	202	956273	18.052	ng/ul	100
82) Pyrene	19.433	202	999676	18.395	ng/ul	100
83) Butylbenzylphthalate	20.345	149	466382	20.179	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.157	252	290857	21.645	ng/ul	100
85) Benzo(a)anthracene	21.216	228	1002372	20.464	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.145	149	690030	22.232	ng/ul	100
87) Chrysene	21.280	228	925899	20.217	ng/ul	100
89) Di-n-octyl phthalate	22.239	149	1185613	20.026	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	949071	19.850	ng/ul	100
91) Benzo(k)fluoranthene	23.263	252	928911	19.670	ng/ul	100
93) Benzo(a)pyrene	23.980	252	845910	19.787	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.327	276	902646	18.787	ng/ul	100
95) Dibenzo(a,h)anthracene	27.392	278	772354m	19.274	ng/ul	
96) Benzo(g,h,i)perylene	28.333	276	701789	18.210	ng/ul	100

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

