

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010523\
 Data File : BN023556.D
 Acq On : 04 Jan 2023 17:13
 Operator : CG/JU
 Sample : SSTD04056
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD040220

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
 Supervised By :mohammad ahmed 01/06/2023

Quant Time: Jan 05 02:37:26 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Jan 05 02:34:34 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	170829	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	766686	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	481317	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	1042467	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	962969	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	984584	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	62695	15.184	ng/uL	0.00
4) Pyridine-d5	3.728	84	491132	40.295	ng/u1	0.00
7) Phenol-d5	7.110	99	616306	38.790	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	377158	40.792	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	487193	40.694	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	493862	38.715	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	248897	42.018	ng/u1	0.00
24) 2-Nitrophenol-d4	9.846	143	274786	44.043	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.387	165	497426	42.233	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	750751	39.614	ng/u1	0.00
46) Dimethylphthalate-d6	14.016	166	1484430	41.154	ng/u1	0.00
49) Acenaphthylene-d8	14.298	160	1695448	41.914	ng/u1	0.00
54) 4-Nitrophenol-d4	14.810	143	298611	37.067	ng/u1	0.00
60) Fluorene-d10	15.598	176	1242736	40.446	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	266124	43.367	ng/u1	0.00
73) Anthracene-d10	17.457	188	1951128	41.763	ng/u1	0.00
81) Pyrene-d10	19.751	212	2265868	43.256	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	2070822	42.910	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.334	88	66277	15.489	ng/uL	97
5) Pyridine	3.746	79	489029	39.267	ng/u1	97
6) Benzaldehyde	7.081	77	265923	46.726	ng/u1	98
8) Phenol	7.140	94	627750	39.115	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.375	93	489445	39.265	ng/u1	99
12) 2-Chlorophenol	7.510	128	502796	40.891	ng/u1	98
13) 2-Methylphenol	8.399	108	473577	38.783	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.493	45	671882	42.558	ng/u1	98
16) Acetophenone	8.781	105	774526	40.129	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.775	70	401746	41.567	ng/u1	98
18) 4-Methylphenol	8.734	108	530619	39.158	ng/u1	99
19) Hexachloroethane	9.034	117	199190	42.061	ng/u1	95
22) Nitrobenzene	9.163	77	606395	42.693	ng/u1	99
23) Isophorone	9.699	82	1126221	42.037	ng/u1	99
25) 2-Nitrophenol	9.881	139	296120	43.517	ng/u1	98
26) 2,4-Dimethylphenol	9.940	107	577942	41.958	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.181	93	690786	40.307	ng/u1	99
29) 2,4-Dichlorophenol	10.416	162	486598	41.750	ng/u1	97
30) Naphthalene	10.822	128	1675688	40.911	ng/u1	98
32) 4-Chloroaniline	10.934	127	749589	39.645	ng/u1	99
33) Hexachlorobutadiene	11.104	225	289671	43.597	ng/u1	98
34) Caprolactam	11.722	113	161056m	35.541	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	544500	41.247	ng/u1	97
36) 2-Methylnaphthalene	12.428	142	1128133	40.866	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	1153808	40.559	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	593260	43.578	ng/ul	99
40) Hexachlorocyclopentadiene	12.775	237	367587	44.889	ng/ul	97
41) 2,4,6-Trichlorophenol	13.040	196	399926	42.708	ng/ul	94
42) 2,4,5-Trichlorophenol	13.110	196	434147	41.890	ng/ul	88
43) 1,1'-Biphenyl	13.440	154	1514152	41.632	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	1165893	41.165	ng/ul	97
45) 2-Nitroaniline	13.692	65	359717	43.828	ng/ul	96
47) Dimethylphthalate	14.069	163	1474969	40.525	ng/ul	100
48) 2,6-Dinitrotoluene	14.187	165	312505	44.348	ng/ul	97
50) Acenaphthylene	14.328	152	1833385	41.216	ng/ul	100
51) 3-Nitroaniline	14.516	138	290812	40.531	ng/ul	100
52) Acenaphthene	14.669	153	1259860	40.740	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	181981	40.528	ng/ul	97
55) 4-Nitrophenol	14.828	109	241980	40.613	ng/ul	97
56) Dibenzofuran	15.004	168	1725284	40.070	ng/ul	98
57) 2,4-Dinitrotoluene	14.975	165	449658	43.229	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.234	232	375635	41.864	ng/ul	95
59) Diethylphthalate	15.428	149	1492721	41.228	ng/ul	99
61) Fluorene	15.657	166	1400855	40.178	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.645	204	686025	41.053	ng/ul	97
63) 4-Nitroaniline	15.681	138	275135	39.375	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.739	198	258616	43.168	ng/ul	96
67) N-Nitrosodiphenylamine	15.863	169	1222593	42.376	ng/ul	98
68) 4-Bromophenyl-phenylether	16.539	248	430758	42.824	ng/ul	98
69) Hexachlorobenzene	16.657	284	506763	43.091	ng/ul	98
70) Atrazine	16.822	200	458346	43.474	ng/ul	99
71) Pentachlorophenol	17.004	266	329465	42.426	ng/ul	93
72) Phenanthrene	17.398	178	2242608	40.655	ng/ul	99
74) Anthracene	17.486	178	2329663	42.327	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	589512	45.473	ng/uL	94
76) Pentachlorobenzene	14.922	250	573851	43.682	ng/uL	95
77) Carbazole	17.763	167	2083718	41.114	ng/ul	98
78) Di-n-butylphthalate	18.322	149	2620637	43.548	ng/ul	100
80) Fluoranthene	19.416	202	2666052	43.761	ng/ul	100
82) Pyrene	19.780	202	2724121	42.565	ng/ul	100
83) Butylbenzylphthalate	20.674	149	1185291	44.755	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	892019	42.153	ng/ul	96
85) Benzo(a)anthracene	21.527	228	2691655	41.720	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	1724765	46.059	ng/ul	99
87) Chrysene	21.580	228	2482805	40.778	ng/ul	96
89) Di-n-octyl phthalate	22.386	149	2909506	48.797	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2607116	41.982	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	2563520	43.377	ng/ul	95
93) Benzo(a)pyrene	23.874	252	2249202	42.144	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.515	276	2823627	41.763	ng/ul	97
95) Dibenzo(a,h)anthracene	26.527	278	2348794	42.607	ng/ul	98
96) Benzo(g,h,i)perylene	27.292	276	2234549m	41.772	ng/ul	

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

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