

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120224\
 Data File : BN035385.D
 Acq On : 02 Dec 2024 13:41
 Operator : RC/JU
 Sample : SSTD01093
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD010232

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 02 15:57:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 15:46:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	80714	20.000	ng/u1	0.00
20) Naphthalene-d8	10.051	136	357292	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.963	164	275610	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	635425	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	660591	20.000	ng/u1	0.00
88) Perylene-d12	23.657	264	771795	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	6945	3.550	ng/uL	0.00
4) Pyridine-d5	3.346	84	44168	7.830	ng/u1	0.00
7) Phenol-d5	6.505	99	53673	8.254	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.663	67	32077	8.158	ng/u1	0.00
11) 2-Chlorophenol-d4	6.846	132	45536	8.984	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	47513	9.138	ng/u1	0.00
21) Nitrobenzene-d5	8.440	128	19908	8.102	ng/u1	0.00
24) 2-Nitrophenol-d4	9.152	143	22481	10.559	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.687	165	53048	10.972	ng/u1	0.00
31) 4-Chloroaniline-d4	10.198	131	68844	8.887	ng/u1	0.00
46) Dimethylphthalate-d6	13.392	166	186261	10.340	ng/u1	0.00
49) Acenaphthylene-d8	13.645	160	205982	9.467	ng/u1	0.00
54) 4-Nitrophenol-d4	14.192	143	26673	8.026	ng/u1	0.00
60) Fluorene-d10	14.969	176	166632	10.737	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	25112	10.079	ng/u1	0.00
73) Anthracene-d10	16.828	188	272256	9.918	ng/u1	0.00
81) Pyrene-d10	19.145	212	324353	9.429	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	344851	9.575	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	7388	3.514	ng/uL#	98
5) Pyridine	3.358	79	44909	7.850	ng/u1	99
6) Benzaldehyde	6.463	77	38301	10.176	ng/u1	96
8) Phenol	6.528	94	58050	8.563	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.752	93	47124	8.824	ng/u1	98
12) 2-Chlorophenol	6.875	128	48002	9.077	ng/u1	96
13) 2-Methylphenol	7.752	108	43804	8.673	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.828	45	37540	5.136	ng/u1	99
16) Acetophenone	8.110	105	83229	10.062	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.104	70	35200	8.867	ng/u1	97
18) 4-Methylphenol	8.075	108	51103	9.248	ng/u1	99
19) Hexachloroethane	8.352	117	20214	9.139	ng/u1	99
22) Nitrobenzene	8.481	77	52446	8.828	ng/u1	99
23) Isophorone	9.004	82	105698	8.965	ng/u1	98
25) 2-Nitrophenol	9.181	139	25791	10.378	ng/u1	96
26) 2,4-Dimethylphenol	9.263	107	55668	9.505	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.499	93	67251	9.323	ng/u1	96
29) 2,4-Dichlorophenol	9.710	162	53891	11.042	ng/u1	93
30) Naphthalene	10.099	128	173169	9.663	ng/u1	98
32) 4-Chloroaniline	10.222	127	67771	9.210	ng/u1	98
33) Hexachlorobutadiene	10.393	225	40556	13.308	ng/u1	97
34) Caprolactam	10.981	113	14692m	8.196	ng/u1	
35) 4-Chloro-3-methylphenol	11.363	107	56345	10.542	ng/u1	99
36) 2-Methylnaphthalene	11.728	142	128123	10.493	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.951	142	132238	10.631	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.110	216	77925	11.008	ng/ul	98
40) Hexachlorocyclopentadiene	12.093	237	34751	9.290	ng/ul	100
41) 2,4,6-Trichlorophenol	12.369	196	48184	11.380	ng/ul	97
42) 2,4,5-Trichlorophenol	12.440	196	54730	11.598	ng/ul	96
43) 1,1'-Biphenyl	12.781	154	182539	9.638	ng/ul	97
44) 2-Chloronaphthalene	12.810	162	145092	9.697	ng/ul	97
45) 2-Nitroaniline	13.034	65	23904	6.430	ng/ul	96
47) Dimethylphthalate	13.440	163	186976	10.343	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	26332	8.432	ng/ul	94
50) Acenaphthylene	13.675	152	221914	9.438	ng/ul	100
51) 3-Nitroaniline	13.881	138	28998	7.566	ng/ul	93
52) Acenaphthene	14.028	153	162388	9.886	ng/ul	99
53) 2,4-Dinitrophenol	14.092	184	14024	9.718	ng/ul	97
55) 4-Nitrophenol	14.210	109	26457	10.353	ng/ul	97
56) Dibenzofuran	14.369	168	231339	10.440	ng/ul	98
57) 2,4-Dinitrotoluene	14.345	165	45448	9.907	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.604	232	48137	13.483	ng/ul	96
59) Diethylphthalate	14.828	149	179662	9.874	ng/ul	99
61) Fluorene	15.022	166	188403	10.541	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.034	204	98260	11.890	ng/ul	100
63) 4-Nitroaniline	15.051	138	31711	8.347	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.116	198	29769	10.509	ng/ul	96
67) N-Nitrosodiphenylamine	15.251	169	159832	8.983	ng/ul	99
68) 4-Bromophenyl-phenylether	15.934	248	61050	10.542	ng/ul	98
69) Hexachlorobenzene	16.034	284	72181	10.730	ng/ul	98
70) Atrazine	16.228	200	56760	9.254	ng/ul	99
71) Pentachlorophenol	16.386	266	43033	11.211	ng/ul	95
72) Phenanthrene	16.769	178	319489	9.940	ng/ul	99
74) Anthracene	16.857	178	326500	9.878	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.734	216	77975	9.580	ng/uL	96
76) Pentachlorobenzene	14.287	250	81310	10.315	ng/uL	98
77) Carbazole	17.139	167	285700	9.473	ng/ul	99
78) Di-n-butylphthalate	17.739	149	292384	8.396	ng/ul	98
80) Fluoranthene	18.810	202	382662	9.345	ng/ul	100
82) Pyrene	19.174	202	422411	9.760	ng/ul	99
83) Butylbenzylphthalate	20.133	149	102222	6.702	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.910	252	102412	7.808	ng/ul	98
85) Benzo(a)anthracene	20.963	228	424988	10.013	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	168396	6.974	ng/ul	98
87) Chrysene	21.021	228	409161	10.076	ng/ul	98
89) Di-n-octyl phthalate	21.968	149	271484	6.333	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	408461	9.636	ng/ul	99
91) Benzo(k)fluoranthene	22.874	252	443949	10.289	ng/ul	99
93) Benzo(a)pyrene	23.527	252	396078	9.745	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.598	276	459533	9.175	ng/ul	98
95) Dibenzo(a,h)anthracene	26.651	278	375051	9.192	ng/ul	99
96) Benzo(g,h,i)perylene	27.503	276	349707	9.079	ng/ul	97

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

