

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
 Data File : BP023800.D
 Acq On : 30 Jan 2025 16:24
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020783

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 01/31/2025

Supervised By :mohammad
 ahmed
 02/04/2025

Quant Time: Jan 30 17:30:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 30 17:30:03 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	456170	20.000	ng/u1	0.00
20) Naphthalene-d8	10.545	136	1951620	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.398	164	1245819	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	2518330	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	2707740	20.000	ng/u1	0.00
88) Perylene-d12	25.021	264	2871929	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	95551	8.703	ng/uL	0.00
4) Pyridine-d5	3.693	84	695633	21.958	ng/u1	0.00
7) Phenol-d5	6.945	99	842834	20.878	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	462693	21.653	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	682269	21.522	ng/u1	0.00
15) 4-Methylphenol-d8	8.469	113	677844	20.555	ng/u1	0.00
21) Nitrobenzene-d5	8.910	128	331147	21.208	ng/u1	0.00
24) 2-Nitrophenol-d4	9.628	143	347593	20.631	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	664483	21.499	ng/u1	0.00
31) 4-Chloroaniline-d4	10.681	131	979083	21.182	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	1951649	21.002	ng/u1	0.00
49) Acenaphthylene-d8	14.092	160	2303585	21.979	ng/u1	0.00
54) 4-Nitrophenol-d4	14.622	143	391369	21.207	ng/u1	0.00
60) Fluorene-d10	15.410	176	1712029	21.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	290073	18.671	ng/u1	0.00
73) Anthracene-d10	17.316	188	2724171	22.031	ng/u1	0.00
81) Pyrene-d10	19.680	212	3108075	21.422	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	3242175	21.637	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	102192	8.851	ng/uL	98
5) Pyridine	3.710	79	704648	22.216	ng/u1	99
6) Benzaldehyde	6.910	77	525885	26.542	ng/u1	99
8) Phenol	6.975	94	879129	21.208	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.192	93	679392	21.531	ng/u1	99
12) 2-Chlorophenol	7.340	128	713232	21.838	ng/u1	99
13) 2-Methylphenol	8.210	108	647245	20.752	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.281	45	713182	21.907	ng/u1	100
16) Acetophenone	8.581	105	1089946	21.620	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.563	70	505187	21.280	ng/u1	98
18) 4-Methylphenol	8.534	108	728852	21.062	ng/u1	98
19) Hexachloroethane	8.839	117	277770	21.509	ng/u1	99
22) Nitrobenzene	8.951	77	749924	22.131	ng/u1	97
23) Isophorone	9.481	82	1416406	20.702	ng/u1	99
25) 2-Nitrophenol	9.657	139	384041	20.898	ng/u1	98
26) 2,4-Dimethylphenol	9.728	107	726760	21.367	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.951	93	909322	21.337	ng/u1	100
29) 2,4-Dichlorophenol	10.198	162	663724	21.176	ng/u1	98
30) Naphthalene	10.592	128	2274828	21.776	ng/u1	100
32) 4-Chloroaniline	10.704	127	937743	21.497	ng/u1	100
33) Hexachlorobutadiene	10.886	225	402710	21.223	ng/u1	99
34) Caprolactam	11.480	113	239856	19.753	ng/u1	99
35) 4-Chloro-3-methylphenol	11.839	107	698455	20.730	ng/u1	99
36) 2-Methylnaphthalene	12.210	142	1552952	21.143	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.428	142	1571395	21.565	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.580	216	804986	21.857	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	427980	20.622	ng/ul	98
41) 2,4,6-Trichlorophenol	12.822	196	514719	20.922	ng/ul	97
42) 2,4,5-Trichlorophenol	12.904	196	577674	21.785	ng/ul	99
43) 1,1'-Biphenyl	13.222	154	2013191	21.770	ng/ul	100
44) 2-Chloronaphthalene	13.269	162	1574922	21.857	ng/ul	100
45) 2-Nitroaniline	13.463	65	396562	21.146	ng/ul	96
47) Dimethylphthalate	13.857	163	1977688	21.390	ng/ul	100
48) 2,6-Dinitrotoluene	13.969	165	385169	21.317	ng/ul	99
50) Acenaphthylene	14.122	152	2456871	22.012	ng/ul	100
51) 3-Nitroaniline	14.298	138	435532	21.933	ng/ul	98
52) Acenaphthene	14.469	153	1713365	21.651	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	187603	17.415	ng/ul	96
55) 4-Nitrophenol	14.633	109	288956	22.132	ng/ul	99
56) Dibenzofuran	14.810	168	2398384	21.872	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	574128	21.362	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.039	232	474746	21.040	ng/ul	93
59) Diethylphthalate	15.245	149	1961433	21.174	ng/ul	99
61) Fluorene	15.469	166	2000349	21.990	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.469	204	967401	21.484	ng/ul	98
63) 4-Nitroaniline	15.486	138	472639	24.463	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.551	198	327931	19.199	ng/ul	96
67) N-Nitrosodiphenylamine	15.686	169	1663673	21.646	ng/ul	100
68) 4-Bromophenyl-phenylether	16.386	248	602737	21.214	ng/ul	97
69) Hexachlorobenzene	16.504	284	718997	20.886	ng/ul	98
70) Atrazine	16.668	200	625853	21.028	ng/ul	99
71) Pentachlorophenol	16.857	266	415877	19.640	ng/ul	99
72) Phenanthrene	17.257	178	3137151	22.059	ng/ul	100
74) Anthracene	17.351	178	3201304	22.321	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.192	216	803460	21.788	ng/ul	99
76) Pentachlorobenzene	14.727	250	847639	21.329	ng/ul	99
77) Carbazole	17.627	167	2966984	23.613	ng/ul	99
78) Di-n-butylphthalate	18.227	149	3236518	20.812	ng/ul	100
80) Fluoranthene	19.327	202	3570317	21.364	ng/ul	99
82) Pyrene	19.704	202	3898294	22.306	ng/ul	96
83) Butylbenzylphthalate	20.662	149	1466217	19.482	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	1232612	21.040	ng/ul	99
85) Benzo(a)anthracene	21.627	228	3836571	21.547	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.574	149	2196550	20.004	ng/ul	99
87) Chrysene	21.692	228	3659696	22.306	ng/ul	99
89) Di-n-octyl phthalate	22.868	149	3501803	20.341	ng/ul	100
90) Benzo(b)fluoranthene	23.956	252	3751649	21.529	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	3872417	22.166	ng/ul	100
93) Benzo(a)pyrene	24.862	252	3585775	22.034	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.874	276	4553814m	21.588	ng/ul	
95) Dibenzo(a,h)anthracene	28.956	278	3735747	21.832	ng/ul	100
96) Benzo(g,h,i)perylene	30.056	276	3538282	21.899	ng/ul	99

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

