

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023819.D
 Acq On : 31 Jan 2025 10:35
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020785

Quant Time: Jan 31 11:43:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	450565	20.000	ng/u1	0.00
20) Naphthalene-d8	10.557	136	1917748	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.404	164	1261840	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	2504074	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	2711176	20.000	ng/u1	0.00
88) Perylene-d12	25.021	264	2917571	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	95373	8.795	ng/uL	0.00
4) Pyridine-d5	3.711	84	666558	21.301	ng/u1	0.00
7) Phenol-d5	6.975	99	825596	20.705	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	444590	21.065	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	678514	21.670	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	666057	20.448	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	335495	21.866	ng/u1	0.00
24) 2-Nitrophenol-d4	9.646	143	357403	21.588	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	667769	21.987	ng/u1	0.00
31) 4-Chloroaniline-d4	10.693	131	981773	21.615	ng/u1	0.00
46) Dimethylphthalate-d6	13.810	166	1983324	21.072	ng/u1	0.00
49) Acenaphthylene-d8	14.092	160	2313883	21.797	ng/u1	0.00
54) 4-Nitrophenol-d4	14.628	143	374628	20.042	ng/u1	0.00
60) Fluorene-d10	15.410	176	1718174	21.677	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	301692	19.529	ng/u1	0.00
73) Anthracene-d10	17.304	188	2693630	21.908	ng/u1	0.00
81) Pyrene-d10	19.669	212	3152313	21.700	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	3296310	21.654	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.334	88	98282	8.618	ng/uL	97
5) Pyridine	3.728	79	676713	21.601	ng/u1	99
6) Benzaldehyde	6.934	77	505538	25.832	ng/u1	97
8) Phenol	6.999	94	857175	20.936	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.210	93	657830	21.107	ng/u1	100
12) 2-Chlorophenol	7.357	128	701289	21.740	ng/u1	99
13) 2-Methylphenol	8.234	108	639757	20.767	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	685320	21.313	ng/u1	99
16) Acetophenone	8.593	105	1075655	21.602	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.581	70	496067	21.156	ng/u1	99
18) 4-Methylphenol	8.557	108	718162	21.011	ng/u1	99
19) Hexachloroethane	8.857	117	274176	21.495	ng/u1	96
22) Nitrobenzene	8.969	77	724669	21.764	ng/u1	99
23) Isophorone	9.499	82	1407378	20.934	ng/u1	100
25) 2-Nitrophenol	9.681	139	397674	22.022	ng/u1	98
26) 2,4-Dimethylphenol	9.746	107	730098	21.844	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.969	93	887612	21.195	ng/u1	100
29) 2,4-Dichlorophenol	10.222	162	676513	21.965	ng/u1	98
30) Naphthalene	10.610	128	2256134	21.978	ng/u1	100
32) 4-Chloroaniline	10.716	127	937052	21.860	ng/u1	100
33) Hexachlorobutadiene	10.898	225	402814	21.604	ng/u1	99
34) Caprolactam	11.498	113	240066	20.119	ng/u1	96
35) 4-Chloro-3-methylphenol	11.857	107	710946	21.473	ng/u1	99
36) 2-Methylnaphthalene	12.216	142	1558348	21.591	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.440	142	1556900	21.744	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.587	216	811777	21.761	ng/ul	99
40) Hexachlorocyclopentadiene	12.569	237	424770	20.207	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	531323	21.323	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	592208	22.050	ng/ul	99
43) 1,1'-Biphenyl	13.228	154	2050192	21.888	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	1598931	21.908	ng/ul	99
45) 2-Nitroaniline	13.475	65	397187	20.910	ng/ul	98
47) Dimethylphthalate	13.857	163	1989452	21.244	ng/ul	100
48) 2,6-Dinitrotoluene	13.969	165	389202	21.266	ng/ul	99
50) Acenaphthylene	14.122	152	2471950	21.866	ng/ul	100
51) 3-Nitroaniline	14.304	138	441156	21.934	ng/ul	97
52) Acenaphthene	14.469	153	1743669	21.755	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	180282	16.523	ng/ul	95
55) 4-Nitrophenol	14.645	109	272787	20.628	ng/ul	97
56) Dibenzofuran	14.804	168	2394836	21.563	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	580295	21.317	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.039	232	485977	21.264	ng/ul	94
59) Diethylphthalate	15.234	149	1961625	20.907	ng/ul	100
61) Fluorene	15.463	166	2017921	21.902	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.457	204	989996	21.706	ng/ul	98
63) 4-Nitroaniline	15.475	138	476545	24.352	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.539	198	337558	19.875	ng/ul	94
67) N-Nitrosodiphenylamine	15.681	169	1674394	21.909	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	615418	21.784	ng/ul	98
69) Hexachlorobenzene	16.486	284	740183	21.623	ng/ul	100
70) Atrazine	16.657	200	626188	21.159	ng/ul	99
71) Pentachlorophenol	16.845	266	385328	18.301	ng/ul	99
72) Phenanthrene	17.245	178	3108871	21.984	ng/ul	100
74) Anthracene	17.339	178	3192498	22.386	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.198	216	813800	22.194	ng/ul	98
76) Pentachlorobenzene	14.728	250	882251	22.327	ng/ul	99
77) Carbazole	17.616	167	2929527	23.448	ng/ul	100
78) Di-n-butylphthalate	18.210	149	3334730	21.565	ng/ul	100
80) Fluoranthene	19.322	202	3639291	21.749	ng/ul	99
82) Pyrene	19.698	202	3874397	22.141	ng/ul	99
83) Butylbenzylphthalate	20.645	149	1532363	20.335	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.533	252	1290715	22.004	ng/ul	100
85) Benzo(a)anthracene	21.621	228	3873168	21.725	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.574	149	2200169	20.011	ng/ul	99
87) Chrysene	21.692	228	3630003	22.097	ng/ul	100
89) Di-n-octyl phthalate	22.868	149	3635233	20.785	ng/ul	100
90) Benzo(b)fluoranthene	23.957	252	3836067	21.669	ng/ul	100
91) Benzo(k)fluoranthene	24.021	252	3862760	21.765	ng/ul	100
93) Benzo(a)pyrene	24.862	252	3589307	21.711	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.856	276	4652537m	21.711	ng/ul	
95) Dibenzo(a,h)anthracene	28.945	278	3805678	21.893	ng/ul	99
96) Benzo(g,h,i)perylene	30.056	276	3580617	21.814	ng/ul	99

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

