

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
 Data File : BP024146.D
 Acq On : 04 Mar 2025 10:59
 Operator : RC/JU
 Sample : SST02087
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST020625

Quant Time: Mar 04 13:32:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 04 13:32:01 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 03/05/2025
 Supervised By :Jagrut Upadhyay 03/05/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	330869	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1369680	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	835568	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1627176	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1776968	20.000	ng/ul	0.00
88) Perylene-d12	25.033	264	2000715	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	73948	9.180	ng/uL	0.00
4) Pyridine-d5	3.681	84	526984	22.769	ng/ul	0.00
7) Phenol-d5	6.934	99	624784	21.327	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	355249	22.667	ng/ul	0.00
11) 2-Chlorophenol-d4	7.293	132	504676	21.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.457	113	491851	20.792	ng/ul	0.00
21) Nitrobenzene-d5	8.899	128	245563	22.241	ng/ul	0.00
24) 2-Nitrophenol-d4	9.622	143	257785	21.822	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	466170	21.568	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	689450	21.423	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1324391	21.358	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	1555227	22.121	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	258934	20.956	ng/ul	0.00
60) Fluorene-d10	15.404	176	1133678	21.630	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	208045	20.439	ng/ul	0.00
73) Anthracene-d10	17.298	188	1763109	22.035	ng/ul	0.00
81) Pyrene-d10	19.669	212	2020933	21.412	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.804	264	2288554	21.950	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	79118	9.311	ng/uL	100
5) Pyridine	3.699	79	536347	23.005	ng/ul	100
6) Benzaldehyde	6.905	77	387128	26.854	ng/ul	100
8) Phenol	6.963	94	652547	21.638	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.181	93	510835	22.196	ng/ul	100
12) 2-Chlorophenol	7.328	128	521383	21.984	ng/ul	100
13) 2-Methylphenol	8.199	108	471191	20.951	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.269	45	537561	22.587	ng/ul	100
16) Acetophenone	8.569	105	770858	21.352	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.552	70	370322	21.793	ng/ul	100
18) 4-Methylphenol	8.522	108	526156	21.121	ng/ul	100
19) Hexachloroethane	8.828	117	207755	22.104	ng/ul	100
22) Nitrobenzene	8.946	77	550553	22.861	ng/ul	100
23) Isophorone	9.469	82	1017846	21.436	ng/ul	100
25) 2-Nitrophenol	9.652	139	286596	22.115	ng/ul	100
26) 2,4-Dimethylphenol	9.710	107	511643	21.605	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.940	93	654077	21.915	ng/ul	100
29) 2,4-Dichlorophenol	10.187	162	471771	21.540	ng/ul	100
30) Naphthalene	10.581	128	1622252	22.080	ng/ul	100
32) 4-Chloroaniline	10.693	127	661083	21.706	ng/ul	100
33) Hexachlorobutadiene	10.869	225	287270	21.489	ng/ul	100
34) Caprolactam	11.469	113	163182	19.709	ng/ul	100
35) 4-Chloro-3-methylphenol	11.822	107	484004	20.868	ng/ul	100
36) 2-Methylnaphthalene	12.193	142	1085441	21.262	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	1080016	21.346	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.569	216	556552	22.323	ng/ul	100
40) Hexachlorocyclopentadiene	12.551	237	293612	20.985	ng/ul	100
41) 2,4,6-Trichlorophenol	12.810	196	355354	21.618	ng/ul	100
42) 2,4,5-Trichlorophenol	12.887	196	386047	21.706	ng/ul	100
43) 1,1'-Biphenyl	13.216	154	1390483	22.314	ng/ul	100
44) 2-Chloronaphthalene	13.257	162	1072368	22.082	ng/ul	100
45) 2-Nitroaniline	13.463	65	283014	22.369	ng/ul	100
47) Dimethylphthalate	13.845	163	1333318	21.529	ng/ul	100
48) 2,6-Dinitrotoluene	13.963	165	262439	21.708	ng/ul	100
50) Acenaphthylene	14.116	152	1657231	22.114	ng/ul	100
51) 3-Nitroaniline	14.292	138	298425	22.500	ng/ul	100
52) Acenaphthene	14.463	153	1162604	21.920	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	138268	18.980	ng/ul	100
55) 4-Nitrophenol	14.622	109	181628	20.904	ng/ul	100
56) Dibenzofuran	14.798	168	1618241	21.966	ng/ul	100
57) 2,4-Dinitrotoluene	14.763	165	393046	21.817	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.034	232	314813	21.036	ng/ul	100
59) Diethylphthalate	15.228	149	1326402	21.300	ng/ul	100
61) Fluorene	15.457	166	1330279	21.848	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.457	204	633091	21.110	ng/ul	100
63) 4-Nitroaniline	15.475	138	312452	24.018	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.539	198	231592	20.812	ng/ul	100
67) N-Nitrosodiphenylamine	15.675	169	1103030	22.142	ng/ul	100
68) 4-Bromophenyl-phenylether	16.369	248	402295	21.844	ng/ul	100
69) Hexachlorobenzene	16.481	284	473671	21.303	ng/ul	100
70) Atrazine	16.651	200	410402	21.363	ng/ul	100
71) Pentachlorophenol	16.839	266	281753	20.480	ng/ul	100
72) Phenanthrene	17.239	178	2024898	21.994	ng/ul	100
74) Anthracene	17.334	178	2054975	22.088	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.181	216	549073	22.825	ng/uL	100
76) Pentachlorobenzene	14.722	250	566078	22.041	ng/uL	100
77) Carbazole	17.616	167	1911909	23.436	ng/ul	100
78) Di-n-butylphthalate	18.204	149	2230620	22.057	ng/ul	100
80) Fluoranthene	19.322	202	2359520	21.679	ng/ul	100
82) Pyrene	19.698	202	2511563	22.102	ng/ul	100
83) Butylbenzylphthalate	20.651	149	1034975	20.977	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.545	252	825620	21.367	ng/ul	100
85) Benzo(a)anthracene	21.627	228	2558697	21.814	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.569	149	1530528	21.081	ng/ul	100
87) Chrysene	21.698	228	2405176	22.201	ng/ul	100
89) Di-n-octyl phthalate	22.863	149	2599603	21.729	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	2611479	21.623	ng/ul	100
91) Benzo(k)fluoranthene	24.039	252	2652027	21.773	ng/ul	100
93) Benzo(a)pyrene	24.880	252	2481790	21.963	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.880	276	3279478m	22.231	ng/ul	
95) Dibenzo(a,h)anthracene	28.974	278	2667659	22.305	ng/ul	100
96) Benzo(g,h,i)perylene	30.092	276	2527013	22.396	ng/ul	100

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

