

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030425\
 Data File : BP024147.D
 Acq On : 04 Mar 2025 11:39
 Operator : RC/JU
 Sample : SST04088
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SST040626

Quant Time: Mar 04 14:46:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 04 14:09:10 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	7.752	152	309849	20.000	ng/ul	0.00
20) Naphthalene-d8	10.534	136	1233704	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	712616	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	1349464	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1669369	20.000	ng/ul	0.00
88) Perylene-d12	25.045	264	2042682	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	129536	16.653	ng/uL	0.00
4) Pyridine-d5	3.675	84	925241	41.350	ng/ul	0.00
7) Phenol-d5	6.934	99	1078197	39.220	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	600350	39.654	ng/ul	0.00
11) 2-Chlorophenol-d4	7.293	132	873199	41.377	ng/ul	0.00
15) 4-Methylphenol-d8	8.457	113	833803	38.413	ng/ul	0.00
21) Nitrobenzene-d5	8.899	128	421108	42.273	ng/ul	0.00
24) 2-Nitrophenol-d4	9.616	143	445671	42.852	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	784702	41.962	ng/ul	0.00
31) 4-Chloroaniline-d4	10.669	131	1129262	39.510	ng/ul	0.00
46) Dimethylphthalate-d6	13.792	166	2052572	39.749	ng/ul	0.00
49) Acenaphthylene-d8	14.081	160	2484143	41.475	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	432465	40.907	ng/ul	0.00
60) Fluorene-d10	15.398	176	1757691	40.063	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	345951	40.604	ng/ul	0.00
73) Anthracene-d10	17.292	188	2725838	41.391	ng/ul	0.00
81) Pyrene-d10	19.669	212	3221795	38.522	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.809	264	4423221	41.768	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	137084	16.711	ng/uL	99
5) Pyridine	3.699	79	932618	41.162	ng/ul	97
6) Benzaldehyde	6.905	77	625824	44.150	ng/ul	97
8) Phenol	6.957	94	1130857	39.584	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.181	93	857969	39.474	ng/ul	99
12) 2-Chlorophenol	7.328	128	905992	41.163	ng/ul	98
13) 2-Methylphenol	8.193	108	811317	38.860	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.269	45	889286	39.014	ng/ul	99
16) Acetophenone	8.569	105	1292341	38.466	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.557	70	612234	38.854	ng/ul	99
18) 4-Methylphenol	8.522	108	892545	38.578	ng/ul	100
19) Hexachloroethane	8.828	117	353522	40.284	ng/ul	97
22) Nitrobenzene	8.940	77	935698	41.771	ng/ul	99
23) Isophorone	9.469	82	1682217	40.091	ng/ul	100
25) 2-Nitrophenol	9.651	139	486796	42.265	ng/ul	98
26) 2,4-Dimethylphenol	9.716	107	839276	40.657	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.946	93	1075395	40.287	ng/ul	99
29) 2,4-Dichlorophenol	10.187	162	790455	41.387	ng/ul	99
30) Naphthalene	10.587	128	2703229	40.467	ng/ul	100
32) 4-Chloroaniline	10.693	127	1078744	39.564	ng/ul	100
33) Hexachlorobutadiene	10.875	225	479167	40.973	ng/ul	100
34) Caprolactam	11.475	113	270658m	37.567	ng/ul	
35) 4-Chloro-3-methylphenol	11.828	107	807063	40.613	ng/ul	99
36) 2-Methylnaphthalene	12.198	142	1794715	39.821	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	1766428	39.652	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	897893	41.693	ng/ul	99
40) Hexachlorocyclopentadiene	12.551	237	491318	43.898	ng/ul	99
41) 2,4,6-Trichlorophenol	12.810	196	580403	42.842	ng/ul	100
42) 2,4,5-Trichlorophenol	12.887	196	630426	42.749	ng/ul	98
43) 1,1'-Biphenyl	13.216	154	2225776	41.073	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	1752967	41.703	ng/ul	99
45) 2-Nitroaniline	13.457	65	467134	42.717	ng/ul	95
47) Dimethylphthalate	13.839	163	2060869	39.895	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	423518	41.805	ng/ul	98
50) Acenaphthylene	14.110	152	2675736	41.232	ng/ul	100
51) 3-Nitroaniline	14.292	138	484134	41.105	ng/ul	99
52) Acenaphthene	14.451	153	1853655	40.578	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	245453	38.865	ng/ul	92
55) 4-Nitrophenol	14.616	109	305039	41.623	ng/ul	97
56) Dibenzofuran	14.792	168	2516537	39.952	ng/ul	98
57) 2,4-Dinitrotoluene	14.757	165	627249	41.595	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.028	232	505566	41.687	ng/ul	99
59) Diethylphthalate	15.228	149	1996844	39.046	ng/ul	99
61) Fluorene	15.457	166	2067888	40.155	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	986223	39.644	ng/ul	98
63) 4-Nitroaniline	15.475	138	499738	43.119	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.533	198	380259	40.897	ng/ul	97
67) N-Nitrosodiphenylamine	15.669	169	1715376	41.693	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	610500	41.057	ng/ul	99
69) Hexachlorobenzene	16.480	284	741536	41.055	ng/ul	96
70) Atrazine	16.645	200	617941	41.484	ng/ul	99
71) Pentachlorophenol	16.839	266	464815	41.000	ng/ul	99
72) Phenanthrene	17.233	178	3176120	41.168	ng/ul	100
74) Anthracene	17.333	178	3225052	41.490	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.181	216	878731	43.242	ng/uL	98
76) Pentachlorobenzene	14.716	250	900105	42.360	ng/uL	99
77) Carbazole	17.616	167	3013132	42.693	ng/ul	99
78) Di-n-butylphthalate	18.204	149	3439454	41.840	ng/ul	100
80) Fluoranthene	19.327	202	3728572	38.239	ng/ul	100
82) Pyrene	19.704	202	4025954	38.315	ng/ul	100
83) Butylbenzylphthalate	20.651	149	1708729	40.331	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.545	252	1456848	43.629	ng/ul	99
85) Benzo(a)anthracene	21.633	228	4480022	41.017	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.574	149	2576354	40.521	ng/ul	98
87) Chrysene	21.698	228	4171176	40.658	ng/ul	99
89) Di-n-octyl phthalate	22.868	149	4690812	39.337	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	4986014	41.039	ng/ul	99
91) Benzo(k)fluoranthene	24.045	252	5039572	40.867	ng/ul	100
93) Benzo(a)pyrene	24.886	252	4778863	41.598	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.897	276	6446997m	42.439	ng/ul	
95) Dibenzo(a,h)anthracene	28.974	278	5234674	42.442	ng/ul	99
96) Benzo(g,h,i)perylene	30.097	276	5010804	42.516	ng/ul	99

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

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