

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060225\
 Data File : BP024844.D
 Acq On : 02 Jun 2025 16:47
 Operator : RC/JU
 Sample : SSTD08095
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080629

Quant Time: Jun 02 17:19:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 02 16:42:31 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/03/2025
 Supervised By :Jagrut Upadhyay 06/03/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	254478	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	1065889	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.293	164	666985	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.087	188	1310020	20.000	ng/u1	0.00
79) Chrysene-d12	21.522	240	1379702	20.000	ng/u1	0.00
88) Perylene-d12	24.816	264	1582937	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	203955	32.279	ng/uL	0.00
4) Pyridine-d5	3.587	84	1301715	74.265	ng/u1	0.00
7) Phenol-d5	6.858	99	1635050	74.949	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	958331	78.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	1361059	80.387	ng/u1	0.00
15) 4-Methylphenol-d8	8.381	113	1347997	77.366	ng/u1	0.00
21) Nitrobenzene-d5	8.805	128	685713	81.311	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	787275	87.705	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	1315988	83.317	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	1859521	77.193	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	3788686	78.686	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	4283385	77.450	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	615887	69.644	ng/u1	-0.03
60) Fluorene-d10	15.298	176	3070218	76.150	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	734368	87.963	ng/u1	0.00
73) Anthracene-d10	17.192	188	4834651	76.867	ng/u1	0.00
81) Pyrene-d10	19.569	212	5536870	80.663	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	6563348	81.423	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.217	88	215247	32.306	ng/uL	98
5) Pyridine	3.611	79	1342369	75.301	ng/u1	94
6) Benzaldehyde	6.805	77	551227	49.816	ng/u1	98
8) Phenol	6.887	94	1675260	73.960	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.087	93	1308661	75.430	ng/u1	99
12) 2-Chlorophenol	7.234	128	1379371	78.436	ng/u1	98
13) 2-Methylphenol	8.116	108	1279137	76.029	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.163	45	1640823	85.553	ng/u1	100
16) Acetophenone	8.475	105	2011043	74.146	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.458	70	1054552	81.008	ng/u1	98
18) 4-Methylphenol	8.440	108	1372796	74.046	ng/u1	99
19) Hexachloroethane	8.711	117	579347	80.768	ng/u1	97
22) Nitrobenzene	8.846	77	1546013	81.203	ng/u1	99
23) Isophorone	9.369	82	2989692	81.670	ng/u1	99
25) 2-Nitrophenol	9.552	139	818661	83.090	ng/u1	98
26) 2,4-Dimethylphenol	9.622	107	1488781	83.521	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.846	93	1771824	77.791	ng/u1	99
29) 2,4-Dichlorophenol	10.093	162	1298389	80.186	ng/u1	99
30) Naphthalene	10.469	128	4230552	74.727	ng/u1	99
32) 4-Chloroaniline	10.593	127	1739892	75.882	ng/u1	100
33) Hexachlorobutadiene	10.752	225	845987	83.330	ng/u1	99
34) Caprolactam	11.399	113	479029m	76.530	ng/u1	
35) 4-Chloro-3-methylphenol	11.746	107	1454090	84.579	ng/u1	98
36) 2-Methylnaphthalene	12.087	142	2982731	77.101	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.310	142	2934691	76.556	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.463	216	1551074	78.850	ng/ul	99
40) Hexachlorocyclopentadiene	12.434	237	847337	85.589	ng/ul	99
41) 2,4,6-Trichlorophenol	12.722	196	1042081	83.999	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	1121291	83.681	ng/ul	99
43) 1,1'-Biphenyl	13.110	154	3730349	75.082	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	2950885	76.604	ng/ul	100
45) 2-Nitroaniline	13.375	65	941323	91.167	ng/ul	99
47) Dimethylphthalate	13.751	163	3731855	77.856	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	845113	89.077	ng/ul	98
50) Acenaphthylene	14.010	152	4407625	74.134	ng/ul	100
51) 3-Nitroaniline	14.222	138	782864	73.513	ng/ul	93
52) Acenaphthene	14.351	153	3178858	75.397	ng/ul	99
53) 2,4-Dinitrophenol	14.434	184	539313	92.472	ng/ul	93
55) 4-Nitrophenol	14.569	109	492750m	74.175	ng/ul	
56) Dibenzofuran	14.698	168	4255089	73.791	ng/ul	100
57) 2,4-Dinitrotoluene	14.681	165	1204637	85.444	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.945	232	953496	85.422	ng/ul	99
59) Diethylphthalate	15.134	149	3880683	81.091	ng/ul	98
61) Fluorene	15.357	166	3478673	73.829	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.351	204	1707765	74.447	ng/ul	98
63) 4-Nitroaniline	15.404	138	600414	58.627	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.463	198	765249	84.879	ng/ul	98
67) N-Nitrosodiphenylamine	15.575	169	3049776	77.407	ng/ul	100
68) 4-Bromophenyl-phenylether	16.263	248	1168585	81.792	ng/ul	98
69) Hexachlorobenzene	16.381	284	1386854	79.625	ng/ul	100
70) Atrazine	16.563	200	1183325	82.536	ng/ul	98
71) Pentachlorophenol	16.745	266	784125	76.319	ng/ul	99
72) Phenanthrene	17.134	178	5438949	73.897	ng/ul	100
74) Anthracene	17.234	178	5495674	74.121	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	1570285	80.810	ng/ul	99
76) Pentachlorobenzene	14.622	250	1559236	76.787	ng/ul	99
77) Carbazole	17.522	167	5162530	76.737	ng/ul	100
78) Di-n-butylphthalate	18.098	149	6829951	84.752	ng/ul	99
80) Fluoranthene	19.222	202	6474176	81.020	ng/ul	100
82) Pyrene	19.604	202	6597963	76.670	ng/ul	97
83) Butylbenzylphthalate	20.539	149	3322782	92.767	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.422	252	2104051	76.829	ng/ul	99
85) Benzo(a)anthracene	21.498	228	6806979	76.605	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	4866424	90.989	ng/ul	100
87) Chrysene	21.569	228	6470559	77.552	ng/ul	99
89) Di-n-octyl phthalate	22.686	149	8525668	90.758	ng/ul	100
90) Benzo(b)fluoranthene	23.780	252	7300803	79.301	ng/ul	100
91) Benzo(k)fluoranthene	23.851	252	7423130	79.214	ng/ul	99
93) Benzo(a)pyrene	24.669	252	6830837	78.537	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.568	276	9361516	81.873	ng/ul	99
95) Dibenzo(a,h)anthracene	28.633	278	7563448	82.097	ng/ul	98
96) Benzo(g,h,i)perylene	29.721	276	7162327	80.024	ng/ul	99

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

