

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011625\
 Data File : BP023617.D
 Acq On : 16 Jan 2025 14:36
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020766

Quant Time: Jan 16 15:02:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 14 16:27:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/16/2025
 Supervised By :mohammad ahmed 01/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	480433	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.575	136	2016795	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.434	164	1249849	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.239	188	2436110	20.000	ng/u1	0.00
79) Chrysene-d12	21.716	240	2700032	20.000	ng/u1	0.00
88) Perylene-d12	25.151	264	2672171	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	109556	8.408	ng/uL	-0.01
4) Pyridine-d5	3.705	84	780671	21.491	ng/u1	-0.01
7) Phenol-d5	6.952	99	874551	21.144	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.122	67	530562	21.897	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.328	132	688518	21.078	ng/u1	-0.02
15) 4-Methylphenol-d8	8.481	113	688209	21.451	ng/u1	-0.01
21) Nitrobenzene-d5	8.934	128	328138	21.317	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.658	143	217942	21.570	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.187	165	643453	20.937	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.699	131	1048109	21.362	ng/u1	-0.01
46) Dimethylphthalate-d6	13.834	166	1997060	20.531	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	2440461	21.091	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	329179	20.360	ng/u1	0.00
60) Fluorene-d10	15.434	176	1730125	20.552	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	136354	17.202	ng/u1	0.00
73) Anthracene-d10	17.345	188	2715845	20.652	ng/u1	0.00
81) Pyrene-d10	19.716	212	3115286	20.827	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.933	264	3101660	21.359	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	114518	8.305	ng/uL	98
5) Pyridine	3.723	79	803332	21.927	ng/u1	99
6) Benzaldehyde	6.940	77	602127	26.944	ng/u1	100
8) Phenol	6.975	94	935624	21.221	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	764280	21.914	ng/u1	98
12) 2-Chlorophenol	7.358	128	740477	21.177	ng/u1	99
13) 2-Methylphenol	8.216	108	679649	21.120	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.311	45	795619	22.022	ng/u1	100
16) Acetophenone	8.605	105	1215727	22.122	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.593	70	561651	21.026	ng/u1	98
18) 4-Methylphenol	8.540	108	758290	21.437	ng/u1	99
19) Hexachloroethane	8.869	117	295314	21.042	ng/u1	95
22) Nitrobenzene	8.975	77	794045	21.195	ng/u1	99
23) Isophorone	9.499	82	1583116	20.806	ng/u1	99
25) 2-Nitrophenol	9.687	139	292569	22.077	ng/u1	99
26) 2,4-Dimethylphenol	9.740	107	765645	20.883	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.987	93	996118	20.862	ng/u1	100
29) 2,4-Dichlorophenol	10.216	162	665532	20.917	ng/u1	100
30) Naphthalene	10.628	128	2471578	20.688	ng/u1	100
32) 4-Chloroaniline	10.722	127	1013132	21.577	ng/u1	99
33) Hexachlorobutadiene	10.922	225	437438	20.737	ng/u1	99
34) Caprolactam	11.469	113	236962	20.389	ng/u1	99
35) 4-Chloro-3-methylphenol	11.840	107	667627	20.588	ng/u1	98
36) 2-Methylnaphthalene	12.240	142	1680614	20.813	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.457	142	1655874	20.647	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	855619	20.747	ng/ul	99
40) Hexachlorocyclopentadiene	12.599	237	323317	20.309	ng/ul	99
41) 2,4,6-Trichlorophenol	12.846	196	452499	21.078	ng/ul	99
42) 2,4,5-Trichlorophenol	12.916	196	516953	21.653	ng/ul	99
43) 1,1'-Biphenyl	13.257	154	2189020	21.165	ng/ul	99
44) 2-Chloronaphthalene	13.299	162	1698272	21.079	ng/ul	98
45) 2-Nitroaniline	13.487	65	339090	21.278	ng/ul	99
47) Dimethylphthalate	13.887	163	2030972	20.784	ng/ul	100
48) 2,6-Dinitrotoluene	13.993	165	328509	21.884	ng/ul	96
50) Acenaphthylene	14.151	152	2635862	21.023	ng/ul	99
51) 3-Nitroaniline	14.322	138	398524	22.559	ng/ul	99
52) Acenaphthene	14.498	153	1831857	20.857	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	79060	16.642	ng/ul	95
55) 4-Nitrophenol	14.622	109	273338	21.780	ng/ul	99
56) Dibenzofuran	14.840	168	2468146	20.644	ng/ul	99
57) 2,4-Dinitrotoluene	14.787	165	480636	21.191	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.057	232	393654	21.091	ng/ul	97
59) Diethylphthalate	15.275	149	1991479	20.671	ng/ul	100
61) Fluorene	15.498	166	2116294	21.082	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	1025862	20.914	ng/ul	99
63) 4-Nitroaniline	15.504	138	446464	24.057	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.563	198	168247	17.836	ng/ul#	98
67) N-Nitrosodiphenylamine	15.710	169	1696977	20.804	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	599987	20.661	ng/ul	99
69) Hexachlorobenzene	16.522	284	717936	20.164	ng/ul	98
70) Atrazine	16.687	200	602699	21.284	ng/ul	98
71) Pentachlorophenol	16.881	266	332745	19.167	ng/ul	99
72) Phenanthrene	17.287	178	3193103	20.906	ng/ul	100
74) Anthracene	17.381	178	3257430	21.256	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	834804	20.939	ng/uL	99
76) Pentachlorobenzene	14.757	250	875002	20.718	ng/uL	99
77) Carbazole	17.651	167	2922633	22.963	ng/ul	100
78) Di-n-butylphthalate	18.263	149	3131227	21.183	ng/ul	100
80) Fluoranthene	19.375	202	3584791	20.952	ng/ul	97
82) Pyrene	19.751	202	3955854	21.220	ng/ul	98
83) Butylbenzylphthalate	20.716	149	989113	20.196	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.622	252	945246	20.637	ng/ul	99
85) Benzo(a)anthracene	21.698	228	3996228	20.818	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.669	149	1719959	20.586	ng/ul	100
87) Chrysene	21.763	228	3750773	20.983	ng/ul	100
89) Di-n-octyl phthalate	22.998	149	2129541	18.933	ng/ul	100
90) Benzo(b)fluoranthene	24.074	252	3611473	21.511	ng/ul	99
91) Benzo(k)fluoranthene	24.151	252	3907577	21.240	ng/ul	99
93) Benzo(a)pyrene	24.998	252	3536090	21.410	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.092	276	4235373m	21.553	ng/ul	
95) Dibenzo(a,h)anthracene	29.192	278	3343155	20.991	ng/ul	100
96) Benzo(g,h,i)perylene	30.298	276	3227178	20.934	ng/ul	99

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

