

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020725\
 Data File : BP023997.D
 Acq On : 07 Feb 2025 11:07
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020652

Quant Time: Feb 12 11:32:34 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2025
 Supervised By :Sohil Jodhani 02/18/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	380443	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.540	136	1624503	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	985297	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1914917	20.000	ng/u1	-0.01
79) Chrysene-d12	21.622	240	1986263	20.000	ng/u1	-0.02
88) Perylene-d12	24.968	264	1952589	20.000	ng/u1	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	80306	8.770	ng/uL	0.00
4) Pyridine-d5	3.699	84	592714	22.433	ng/u1	0.00
7) Phenol-d5	6.952	99	719478	21.370	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	398457	22.359	ng/u1	0.00
11) 2-Chlorophenol-d4	7.311	132	576621	21.810	ng/u1	0.00
15) 4-Methylphenol-d8	8.469	113	564398	20.521	ng/u1	0.00
21) Nitrobenzene-d5	8.911	128	283292	21.797	ng/u1	0.00
24) 2-Nitrophenol-d4	9.622	143	292149	20.832	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	541218	21.037	ng/u1	0.00
31) 4-Chloroaniline-d4	10.669	131	797992	20.740	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	1513405	20.592	ng/u1	0.00
49) Acenaphthylene-d8	14.075	160	1831508	22.096	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	275050	18.845	ng/u1	-0.01
60) Fluorene-d10	15.387	176	1336294	21.591	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	191966	16.250	ng/u1	0.00
73) Anthracene-d10	17.275	188	2100334	22.339	ng/u1	-0.01
81) Pyrene-d10	19.651	212	2323712	21.834	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.745	264	2259720	22.181	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	85156	8.843	ng/uL	99
5) Pyridine	3.717	79	601097	22.724	ng/u1	99
6) Benzaldehyde	6.916	77	444718	26.913	ng/u1	99
8) Phenol	6.975	94	763214	22.077	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.193	93	575943	21.885	ng/u1	100
12) 2-Chlorophenol	7.340	128	600951	22.063	ng/u1	97
13) 2-Methylphenol	8.211	108	543131	20.880	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.275	45	594321	21.890	ng/u1	99
16) Acetophenone	8.575	105	909621	21.635	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.558	70	413024	20.861	ng/u1	97
18) 4-Methylphenol	8.528	108	610311	21.147	ng/u1	98
19) Hexachloroethane	8.834	117	235371	21.854	ng/u1	96
22) Nitrobenzene	8.952	77	644152	22.838	ng/u1	99
23) Isophorone	9.475	82	1138157	19.985	ng/u1	98
25) 2-Nitrophenol	9.652	139	327302	21.397	ng/u1	98
26) 2,4-Dimethylphenol	9.722	107	616760	21.784	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.946	93	743022	20.945	ng/u1	99
29) 2,4-Dichlorophenol	10.193	162	560675	21.490	ng/u1	99
30) Naphthalene	10.587	128	1939179	22.301	ng/u1	100
32) 4-Chloroaniline	10.693	127	773117	21.292	ng/u1	99
33) Hexachlorobutadiene	10.875	225	339901	21.520	ng/u1	99
34) Caprolactam	11.463	113	174861	17.300	ng/u1	96
35) 4-Chloro-3-methylphenol	11.828	107	561191	20.010	ng/u1	97
36) 2-Methylnaphthalene	12.193	142	1286879	21.048	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	1270730	20.951	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	664887	22.826	ng/ul	99
40) Hexachlorocyclopentadiene	12.546	237	256116	15.604	ng/ul	99
41) 2,4,6-Trichlorophenol	12.810	196	410098	21.077	ng/ul	99
42) 2,4,5-Trichlorophenol	12.887	196	453237	21.612	ng/ul	99
43) 1,1'-Biphenyl	13.204	154	1644441	22.484	ng/ul	100
44) 2-Chloronaphthalene	13.246	162	1292757	22.685	ng/ul	99
45) 2-Nitroaniline	13.451	65	334114	22.527	ng/ul	91
47) Dimethylphthalate	13.834	163	1501905	20.539	ng/ul	100
48) 2,6-Dinitrotoluene	13.946	165	296958	20.780	ng/ul	96
50) Acenaphthylene	14.104	152	1992951	22.577	ng/ul	100
51) 3-Nitroaniline	14.281	138	332093	21.145	ng/ul	93
52) Acenaphthene	14.445	153	1390823	22.223	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	132466	15.548	ng/ul	96
55) 4-Nitrophenol	14.610	109	213220	20.649	ng/ul	93
56) Dibenzofuran	14.787	168	1922078	22.163	ng/ul	99
57) 2,4-Dinitrotoluene	14.745	165	443201	20.851	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.022	232	354269	19.852	ng/ul	95
59) Diethylphthalate	15.210	149	1460072	19.929	ng/ul	100
61) Fluorene	15.445	166	1599873	22.238	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.440	204	771840	21.673	ng/ul	99
63) 4-Nitroaniline	15.457	138	372203	24.359	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.516	198	215771	16.613	ng/ul	95
67) N-Nitrosodiphenylamine	15.657	169	1301504	22.270	ng/ul	99
68) 4-Bromophenyl-phenylether	16.351	248	450109	20.834	ng/ul	98
69) Hexachlorobenzene	16.463	284	544758	20.811	ng/ul	95
70) Atrazine	16.628	200	440934	19.483	ng/ul	97
71) Pentachlorophenol	16.822	266	292995	18.197	ng/ul	100
72) Phenanthrene	17.222	178	2393587	22.134	ng/ul	100
74) Anthracene	17.316	178	2479928	22.740	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.175	216	650266	23.190	ng/ul	99
76) Pentachlorobenzene	14.704	250	665753	22.031	ng/ul	99
77) Carbazole	17.592	167	2243848	23.486	ng/ul	100
78) Di-n-butylphthalate	18.186	149	2418597	20.453	ng/ul	99
80) Fluoranthene	19.304	202	2677933	21.845	ng/ul	99
82) Pyrene	19.681	202	2986161	23.294	ng/ul	98
83) Butylbenzylphthalate	20.628	149	1059327	19.189	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.516	252	812854	18.915	ng/ul	99
85) Benzo(a)anthracene	21.598	228	2874871	22.011	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.539	149	1480573	18.381	ng/ul	98
87) Chrysene	21.669	228	2654889	22.060	ng/ul	99
89) Di-n-octyl phthalate	22.827	149	2316571	19.792	ng/ul	100
90) Benzo(b)fluoranthene	23.910	252	2630934	22.206	ng/ul	98
91) Benzo(k)fluoranthene	23.992	252	2757877	23.219	ng/ul	99
93) Benzo(a)pyrene	24.816	252	2476375	22.382	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.798	276	3000333m	20.920	ng/ul	
95) Dibenzo(a,h)anthracene	28.880	278	2442829	20.998	ng/ul	99
96) Benzo(g,h,i)perylene	29.992	276	2267318	20.640	ng/ul	99

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

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