

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023872.D
 Acq On : 03 Feb 2025 09:50
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020790

Quant Time: Feb 03 11:21:48 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 02/04/2025
 Supervised By :mohammad ahmed 02/06/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	418380	20.000	ng/u1	0.00
20) Naphthalene-d8	10.546	136	1797488	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.387	164	1126784	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	2276951	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	2338402	20.000	ng/u1	0.00
88) Perylene-d12	25.010	264	2368516	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	86950	8.635	ng/uL	0.00
4) Pyridine-d5	3.705	84	644704	22.188	ng/u1	0.00
7) Phenol-d5	6.958	99	778526	21.027	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.105	67	437147	22.306	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	622568	21.412	ng/u1	0.00
15) 4-Methylphenol-d8	8.475	113	621156	20.537	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	302310	21.021	ng/u1	0.00
24) 2-Nitrophenol-d4	9.628	143	305662	19.698	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	594494	20.884	ng/u1	0.00
31) 4-Chloroaniline-d4	10.675	131	895327	21.031	ng/u1	0.00
46) Dimethylphthalate-d6	13.793	166	1746155	20.776	ng/u1	0.00
49) Acenaphthylene-d8	14.081	160	2056609	21.696	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	343205	20.562	ng/u1	0.00
60) Fluorene-d10	15.392	176	1530357	21.622	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	238169	16.955	ng/u1	0.00
73) Anthracene-d10	17.286	188	2410590	21.562	ng/u1	0.00
81) Pyrene-d10	19.663	212	2722555	21.729	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	2646807	21.418	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	92956	8.778	ng/uL	99
5) Pyridine	3.723	79	655011	22.517	ng/u1	99
6) Benzaldehyde	6.922	77	488918	26.905	ng/u1	99
8) Phenol	6.981	94	820697	21.587	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.199	93	630791	21.796	ng/u1	99
12) 2-Chlorophenol	7.346	128	656500	21.917	ng/u1	99
13) 2-Methylphenol	8.216	108	588998	20.590	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.281	45	666497	22.322	ng/u1	99
16) Acetophenone	8.581	105	1018361	22.025	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.569	70	472102	21.683	ng/u1	98
18) 4-Methylphenol	8.534	108	673092	21.207	ng/u1	97
19) Hexachloroethane	8.840	117	256625	21.667	ng/u1	97
22) Nitrobenzene	8.958	77	699714	22.420	ng/u1	99
23) Isophorone	9.475	82	1286555	20.417	ng/u1	97
25) 2-Nitrophenol	9.663	139	348920	20.615	ng/u1	96
26) 2,4-Dimethylphenol	9.728	107	679892	21.703	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.952	93	840097	21.403	ng/u1	99
29) 2,4-Dichlorophenol	10.199	162	609632	21.118	ng/u1	99
30) Naphthalene	10.593	128	2108961	21.919	ng/u1	100
32) 4-Chloroaniline	10.699	127	867098	21.582	ng/u1	100
33) Hexachlorobutadiene	10.887	225	367367	21.021	ng/u1	99
34) Caprolactam	11.475	113	201925	18.055	ng/u1	98
35) 4-Chloro-3-methylphenol	11.834	107	645110	20.789	ng/u1	98
36) 2-Methylnaphthalene	12.204	142	1447784	21.401	ng/u1	100

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37) 1-Methylnaphthalene	12.422	142	1432017	21.338	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.569	216	740269	22.223	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	308223	16.420	ng/ul	99
41) 2,4,6-Trichlorophenol	12.810	196	466724	20.976	ng/ul	100
42) 2,4,5-Trichlorophenol	12.893	196	505817	21.091	ng/ul	99
43) 1,1'-Biphenyl	13.216	154	1873410	22.398	ng/ul	100
44) 2-Chloronaphthalene	13.257	162	1470659	22.566	ng/ul	100
45) 2-Nitroaniline	13.457	65	368285	21.713	ng/ul	95
47) Dimethylphthalate	13.840	163	1777888	21.260	ng/ul	100
48) 2,6-Dinitrotoluene	13.957	165	335547	20.532	ng/ul	96
50) Acenaphthylene	14.110	152	2271933	22.506	ng/ul	100
51) 3-Nitroaniline	14.287	138	383786	21.368	ng/ul	96
52) Acenaphthene	14.451	153	1578431	22.053	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	135578	13.916	ng/ul	98
55) 4-Nitrophenol	14.616	109	265366	22.472	ng/ul	94
56) Dibenzofuran	14.793	168	2217551	22.360	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	510474	21.000	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.022	232	416928	20.429	ng/ul#	89
59) Diethylphthalate	15.222	149	1741107	20.781	ng/ul	99
61) Fluorene	15.451	166	1852009	22.510	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.445	204	896387	22.009	ng/ul	97
63) 4-Nitroaniline	15.469	138	413674	23.673	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.528	198	270008	17.483	ng/ul	97
67) N-Nitrosodiphenylamine	15.657	169	1488075	21.414	ng/ul	100
68) 4-Bromophenyl-phenylether	16.357	248	523490	20.378	ng/ul	97
69) Hexachlorobenzene	16.475	284	629698	20.231	ng/ul	94
70) Atrazine	16.639	200	529883	19.691	ng/ul	100
71) Pentachlorophenol	16.828	266	354737	18.529	ng/ul	100
72) Phenanthrene	17.228	178	2849691	22.162	ng/ul	100
74) Anthracene	17.322	178	2864825	22.092	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.181	216	726273	21.782	ng/ul	99
76) Pentachlorobenzene	14.716	250	771626	21.475	ng/ul	99
77) Carbazole	17.598	167	2600739	22.893	ng/ul	100
78) Di-n-butylphthalate	18.192	149	2854184	20.299	ng/ul	99
80) Fluoranthene	19.316	202	3125957	21.659	ng/ul	99
82) Pyrene	19.692	202	3433654	22.751	ng/ul	97
83) Butylbenzylphthalate	20.645	149	1233357	18.977	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.539	252	976119	19.294	ng/ul	99
85) Benzo(a)anthracene	21.616	228	3329248	21.651	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	1786640	18.841	ng/ul	99
87) Chrysene	21.686	228	3113382	21.974	ng/ul	99
89) Di-n-octyl phthalate	22.851	149	2802341	19.737	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	3139186	21.843	ng/ul	99
91) Benzo(k)fluoranthene	24.010	252	3255984	22.599	ng/ul	100
93) Benzo(a)pyrene	24.857	252	2930677	21.836	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.827	276	3676443m	21.133	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	3017411	21.382	ng/ul	99
96) Benzo(g,h,i)perylene	30.003	276	2820962	21.170	ng/ul	99

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

