

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023883.D
 Acq On : 03 Feb 2025 17:15
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020791

Quant Time: Feb 04 07:41:29 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	419472	20.000	ng/u1	0.00
20) Naphthalene-d8	10.552	136	1816950	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.393	164	1151397	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	2292139	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	2415026	20.000	ng/u1	0.00
88) Perylene-d12	25.010	264	2409758	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	87314	8.648	ng/uL	0.00
4) Pyridine-d5	3.705	84	646038	22.176	ng/u1	0.00
7) Phenol-d5	6.958	99	784653	21.137	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	441362	22.462	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	628874	21.573	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	631281	20.817	ng/u1	0.00
21) Nitrobenzene-d5	8.916	128	313385	21.558	ng/u1	0.00
24) 2-Nitrophenol-d4	9.634	143	321907	20.523	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	610791	21.226	ng/u1	0.01
31) 4-Chloroaniline-d4	10.681	131	933701	21.697	ng/u1	0.00
46) Dimethylphthalate-d6	13.798	166	1815267	21.136	ng/u1	0.00
49) Acenaphthylene-d8	14.081	160	2115843	21.844	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	359664	21.087	ng/u1	0.00
60) Fluorene-d10	15.398	176	1555313	21.505	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	263155	18.610	ng/u1	0.00
73) Anthracene-d10	17.292	188	2517156	22.366	ng/u1	0.00
81) Pyrene-d10	19.663	212	2797501	21.619	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.786	264	2723483	21.661	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.328	88	90270	8.502	ng/uL	98
5) Pyridine	3.723	79	645984	22.148	ng/u1	100
6) Benzaldehyde	6.928	77	496452	27.248	ng/u1	98
8) Phenol	6.987	94	822848	21.587	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.199	93	636406	21.933	ng/u1	98
12) 2-Chlorophenol	7.352	128	658597	21.930	ng/u1	99
13) 2-Methylphenol	8.216	108	606118	21.133	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.287	45	668892	22.344	ng/u1	100
16) Acetophenone	8.587	105	1029782	22.214	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.575	70	477618	21.879	ng/u1	98
18) 4-Methylphenol	8.540	108	678727	21.329	ng/u1	97
19) Hexachloroethane	8.846	117	255171	21.488	ng/u1	94
22) Nitrobenzene	8.958	77	711081	22.540	ng/u1	96
23) Isophorone	9.487	82	1340515	21.045	ng/u1	99
25) 2-Nitrophenol	9.669	139	358643	20.962	ng/u1	99
26) 2,4-Dimethylphenol	9.734	107	696062	21.981	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.957	93	845956	21.321	ng/u1	99
29) 2,4-Dichlorophenol	10.205	162	619766	21.239	ng/u1	97
30) Naphthalene	10.604	128	2131675	21.918	ng/u1	100
32) 4-Chloroaniline	10.704	127	888245	21.871	ng/u1	99
33) Hexachlorobutadiene	10.893	225	370906	20.996	ng/u1	99
34) Caprolactam	11.481	113	211809	18.736	ng/u1	96
35) 4-Chloro-3-methylphenol	11.834	107	649195	20.696	ng/u1	97
36) 2-Methylnaphthalene	12.210	142	1453778	21.259	ng/u1	99

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37) 1-Methylnaphthalene	12.428	142	1443291	21.275	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.575	216	749334	22.014	ng/ul	99
40) Hexachlorocyclopentadiene	12.563	237	325524	16.971	ng/ul	99
41) 2,4,6-Trichlorophenol	12.822	196	474444	20.867	ng/ul	97
42) 2,4,5-Trichlorophenol	12.898	196	519671	21.205	ng/ul	100
43) 1,1'-Biphenyl	13.222	154	1881751	22.017	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	1489948	22.373	ng/ul	99
45) 2-Nitroaniline	13.463	65	379672	21.906	ng/ul	93
47) Dimethylphthalate	13.845	163	1798895	21.052	ng/ul	99
48) 2,6-Dinitrotoluene	13.963	165	348252	20.854	ng/ul	98
50) Acenaphthylene	14.116	152	2317535	22.467	ng/ul	100
51) 3-Nitroaniline	14.293	138	396630	21.612	ng/ul	95
52) Acenaphthene	14.457	153	1639545	22.418	ng/ul	100
53) 2,4-Dinitrophenol	14.498	184	220784	22.176	ng/ul	95
55) 4-Nitrophenol	14.622	109	275412	22.824	ng/ul	97
56) Dibenzofuran	14.798	168	2245395	22.156	ng/ul	100
57) 2,4-Dinitrotoluene	14.757	165	521638	21.001	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.028	232	428963	20.570	ng/ul	95
59) Diethylphthalate	15.228	149	1796108	20.979	ng/ul	100
61) Fluorene	15.457	166	1888184	22.459	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.451	204	909137	21.845	ng/ul	98
63) 4-Nitroaniline	15.463	138	444892	24.916	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.528	198	297459	19.133	ng/ul	99
67) N-Nitrosodiphenylamine	15.669	169	1528566	21.851	ng/ul	100
68) 4-Bromophenyl-phenylether	16.363	248	535136	20.693	ng/ul	98
69) Hexachlorobenzene	16.481	284	657814	20.994	ng/ul	98
70) Atrazine	16.645	200	562514	20.765	ng/ul	99
71) Pentachlorophenol	16.834	266	375042	19.459	ng/ul	99
72) Phenanthrene	17.234	178	2861747	22.108	ng/ul	100
74) Anthracene	17.328	178	2917013	22.346	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.187	216	732855	21.834	ng/ul	99
76) Pentachlorobenzene	14.716	250	770485	21.301	ng/ul	99
77) Carbazole	17.610	167	2671948	23.364	ng/ul	99
78) Di-n-butylphthalate	18.192	149	3026594	21.382	ng/ul	100
80) Fluoranthene	19.316	202	3248621	21.795	ng/ul	100
82) Pyrene	19.692	202	3577285	22.950	ng/ul	98
83) Butylbenzylphthalate	20.645	149	1331783	19.841	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.527	252	1020806	19.537	ng/ul	100
85) Benzo(a)anthracene	21.616	228	3399958	21.410	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.563	149	1952871	19.940	ng/ul	98
87) Chrysene	21.680	228	3205478	21.906	ng/ul	99
89) Di-n-octyl phthalate	22.863	149	3061997	21.197	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	3196357	21.860	ng/ul	99
91) Benzo(k)fluoranthene	24.016	252	3328909	22.710	ng/ul	99
93) Benzo(a)pyrene	24.851	252	3027498	22.171	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.851	276	3846205m	21.731	ng/ul	
95) Dibenzo(a,h)anthracene	28.927	278	3141936	21.883	ng/ul	99
96) Benzo(g,h,i)perylene	30.021	276	2915966	21.509	ng/ul	99

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

