

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012425\
 Data File : BP023709.D
 Acq On : 24 Jan 2025 09:31
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020775

Quant Time: Jan 24 22:28:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 23 00:03:00 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/27/2025
 Supervised By :mohammad ahmed 01/27/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	543127	20.000	ng/u1	0.00
20) Naphthalene-d8	10.563	136	2249744	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.416	164	1385454	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	2706976	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	2881678	20.000	ng/u1	0.00
88) Perylene-d12	25.057	264	2878173	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	114702	8.506	ng/uL	0.00
4) Pyridine-d5	3.705	84	822180	21.129	ng/u1	0.00
7) Phenol-d5	6.952	99	954989	20.780	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	565757	21.795	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	774252	22.161	ng/u1	0.00
15) 4-Methylphenol-d8	8.481	113	761727	21.078	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	370560	21.862	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	337733	21.733	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.181	165	715807	21.914	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.693	131	1107374	21.199	ng/u1	0.00
46) Dimethylphthalate-d6	13.822	166	2147250	21.550	ng/u1	0.00
49) Acenaphthylene-d8	14.104	160	2527413	21.917	ng/u1	0.00
54) 4-Nitrophenol-d4	14.593	143	409345	20.446	ng/u1	-0.01
60) Fluorene-d10	15.416	176	1860051	21.808	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	252591	18.948	ng/u1	0.00
73) Anthracene-d10	17.316	188	2938190	22.609	ng/u1	0.00
81) Pyrene-d10	19.681	212	3285525	22.406	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.816	264	3246583	22.536	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	120789	8.467	ng/uL	98
5) Pyridine	3.723	79	831230	21.129	ng/u1	98
6) Benzaldehyde	6.934	77	629297	27.247	ng/u1	98
8) Phenol	6.981	94	1011582	21.036	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	812882	21.729	ng/u1	99
12) 2-Chlorophenol	7.358	128	809149	21.847	ng/u1	99
13) 2-Methylphenol	8.222	108	726123	20.808	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.305	45	865754	22.311	ng/u1	99
16) Acetophenone	8.599	105	1266628	21.824	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.587	70	583567	21.734	ng/u1	100
18) 4-Methylphenol	8.546	108	821715	21.178	ng/u1	96
19) Hexachloroethane	8.869	117	327208	21.616	ng/u1	98
22) Nitrobenzene	8.975	77	861152	21.745	ng/u1	99
23) Isophorone	9.499	82	1619506	21.501	ng/u1	99
25) 2-Nitrophenol	9.681	139	401093	21.984	ng/u1	99
26) 2,4-Dimethylphenol	9.740	107	835946	22.107	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.975	93	1045465	21.420	ng/u1	99
29) 2,4-Dichlorophenol	10.210	162	735752	21.788	ng/u1	99
30) Naphthalene	10.616	128	2620867	21.647	ng/u1	99
32) 4-Chloroaniline	10.716	127	1076244	21.581	ng/u1	97
33) Hexachlorobutadiene	10.910	225	463979	21.828	ng/u1	99
34) Caprolactam	11.475	113	249253	20.122	ng/u1	98
35) 4-Chloro-3-methylphenol	11.834	107	746836	21.350	ng/u1	99
36) 2-Methylnaphthalene	12.234	142	1769689	21.646	ng/u1	100

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37) 1-Methylnaphthalene	12.446	142	1756556	21.493	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.599	216	908015	22.065	ng/ul	100
40) Hexachlorocyclopentadiene	12.587	237	432277	20.616	ng/ul	99
41) 2,4,6-Trichlorophenol	12.834	196	536763	22.185	ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	597446	22.357	ng/ul	100
43) 1,1'-Biphenyl	13.240	154	2272575	21.800	ng/ul	100
44) 2-Chloronaphthalene	13.281	162	1785258	21.996	ng/ul	100
45) 2-Nitroaniline	13.475	65	432080	22.417	ng/ul	98
47) Dimethylphthalate	13.863	163	2145746	21.452	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	393974	22.082	ng/ul	100
50) Acenaphthylene	14.134	152	2715434	21.718	ng/ul	100
51) 3-Nitroaniline	14.304	138	457213	21.959	ng/ul	100
52) Acenaphthene	14.481	153	1910939	21.616	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	149340	17.050	ng/ul	99
55) 4-Nitrophenol	14.604	109	309039	21.034	ng/ul	97
56) Dibenzofuran	14.816	168	2653806	21.826	ng/ul	98
57) 2,4-Dinitrotoluene	14.769	165	594962	22.290	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.045	232	476875	21.728	ng/ul	99
59) Diethylphthalate	15.251	149	2097429	21.319	ng/ul	99
61) Fluorene	15.481	166	2201322	21.725	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.475	204	1075068	21.677	ng/ul	100
63) 4-Nitroaniline	15.481	138	497720	23.495	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.540	198	297125	19.819	ng/ul	98
67) N-Nitrosodiphenylamine	15.693	169	1824441	22.440	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	642876	22.182	ng/ul	98
69) Hexachlorobenzene	16.498	284	769753	21.826	ng/ul	99
70) Atrazine	16.663	200	647912	21.605	ng/ul	99
71) Pentachlorophenol	16.851	266	426170	20.005	ng/ul	96
72) Phenanthrene	17.257	178	3384582	22.130	ng/ul	100
74) Anthracene	17.345	178	3447607	22.694	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.204	216	884878	22.532	ng/ul	99
76) Pentachlorobenzene	14.740	250	918793	22.024	ng/ul	100
77) Carbazole	17.622	167	3163339	23.707	ng/ul	99
78) Di-n-butylphthalate	18.222	149	3459319	22.783	ng/ul	99
80) Fluoranthene	19.333	202	3801720	22.802	ng/ul	99
82) Pyrene	19.704	202	4190227	23.140	ng/ul	99
83) Butylbenzylphthalate	20.657	149	1417476	21.705	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.551	252	1118007	21.983	ng/ul	99
85) Benzo(a)anthracene	21.633	228	4116032	22.530	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.592	149	2158199	22.160	ng/ul	99
87) Chrysene	21.698	228	3838203	22.441	ng/ul	99
89) Di-n-octyl phthalate	22.898	149	3037169	21.050	ng/ul	100
90) Benzo(b)fluoranthene	23.974	252	3733326	21.835	ng/ul	100
91) Benzo(k)fluoranthene	24.045	252	3974171	22.547	ng/ul	99
93) Benzo(a)pyrene	24.892	252	3624221	22.522	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.892	276	4437875m	22.188	ng/ul	
95) Dibenzo(a,h)anthracene	28.992	278	3596231	22.133	ng/ul	99
96) Benzo(g,h,i)perylene	30.080	276	3352997	21.793	ng/ul	99

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

