

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013025\
 Data File : BP023817.D
 Acq On : 31 Jan 2025 03:53
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020784

Quant Time: Jan 31 09:07:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 08:09:38 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
 Supervised By :mohammad ahmed 02/04/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	483234	20.000	ng/u1	0.02
20) Naphthalene-d8	10.563	136	2077463	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.404	164	1382017	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	2741332	20.000	ng/u1	-0.01
79) Chrysene-d12	21.639	240	2843947	20.000	ng/u1	0.00
88) Perylene-d12	25.027	264	3117584	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	101356	8.715	ng/uL	0.01
4) Pyridine-d5	3.710	84	722296	21.522	ng/u1	0.02
7) Phenol-d5	6.975	99	908000	21.232	ng/u1	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	479774	21.195	ng/u1	0.02
11) 2-Chlorophenol-d4	7.334	132	741556	22.082	ng/u1	0.02
15) 4-Methylphenol-d8	8.498	113	743773	21.291	ng/u1	0.03
21) Nitrobenzene-d5	8.928	128	368490	22.170	ng/u1	0.02
24) 2-Nitrophenol-d4	9.645	143	405949	22.635	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.198	165	742258	22.560	ng/u1	0.02
31) 4-Chloroaniline-d4	10.692	131	1074967	21.847	ng/u1	0.01
46) Dimethylphthalate-d6	13.816	166	2189761	21.242	ng/u1	0.01
49) Acenaphthylene-d8	14.098	160	2567416	22.083	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	410073	20.031	ng/u1	0.01
60) Fluorene-d10	15.410	176	1885220	21.717	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	344926	20.395	ng/u1	0.00
73) Anthracene-d10	17.298	188	2970281	22.068	ng/u1	-0.02
81) Pyrene-d10	19.663	212	3370352	22.118	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.786	264	3583495	22.030	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	103547	8.466	ng/uL	95
5) Pyridine	3.728	79	724920	21.575	ng/u1	99
6) Benzaldehyde	6.934	77	554852	26.435	ng/u1	99
8) Phenol	7.004	94	929314	21.163	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.210	93	717524	21.465	ng/u1	99
12) 2-Chlorophenol	7.363	128	763794	22.077	ng/u1	100
13) 2-Methylphenol	8.234	108	697143	21.100	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.298	45	737956	21.399	ng/u1	100
16) Acetophenone	8.598	105	1174418	21.991	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.581	70	542054	21.555	ng/u1	97
18) 4-Methylphenol	8.557	108	791820	21.600	ng/u1	97
19) Hexachloroethane	8.857	117	295914	21.631	ng/u1	100
22) Nitrobenzene	8.969	77	790282	21.909	ng/u1	99
23) Isophorone	9.498	82	1558970	21.406	ng/u1	100
25) 2-Nitrophenol	9.675	139	443845	22.689	ng/u1	99
26) 2,4-Dimethylphenol	9.751	107	797765	22.034	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.969	93	961752	21.200	ng/u1	98
29) 2,4-Dichlorophenol	10.222	162	750410	22.491	ng/u1	98
30) Naphthalene	10.610	128	2463680	22.155	ng/u1	100
32) 4-Chloroaniline	10.716	127	1027667	22.131	ng/u1	100
33) Hexachlorobutadiene	10.898	225	446401	22.101	ng/u1	98
34) Caprolactam	11.504	113	274849m	21.264	ng/u1	
35) 4-Chloro-3-methylphenol	11.863	107	791756	22.076	ng/u1	99
36) 2-Methylnaphthalene	12.216	142	1715935	21.946	ng/u1	100

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37) 1-Methylnaphthalene	12.439	142	1733410	22.348	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.586	216	898896	22.001	ng/ul	100
40) Hexachlorocyclopentadiene	12.575	237	474094	20.593	ng/ul	99
41) 2,4,6-Trichlorophenol	12.833	196	603014	22.096	ng/ul	99
42) 2,4,5-Trichlorophenol	12.922	196	657923	22.366	ng/ul	99
43) 1,1'-Biphenyl	13.233	154	2243245	21.867	ng/ul	99
44) 2-Chloronaphthalene	13.275	162	1741575	21.788	ng/ul	99
45) 2-Nitroaniline	13.475	65	445616	21.420	ng/ul	99
47) Dimethylphthalate	13.857	163	2192101	21.372	ng/ul	100
48) 2,6-Dinitrotoluene	13.975	165	431317	21.518	ng/ul	96
50) Acenaphthylene	14.122	152	2738129	22.115	ng/ul	99
51) 3-Nitroaniline	14.304	138	507101	23.020	ng/ul	99
52) Acenaphthene	14.469	153	1926936	21.951	ng/ul	100
53) 2,4-Dinitrophenol	14.510	184	206997	17.322	ng/ul	95
55) 4-Nitrophenol	14.651	109	300738	20.764	ng/ul	96
56) Dibenzofuran	14.810	168	2615443	21.501	ng/ul	99
57) 2,4-Dinitrotoluene	14.763	165	653840	21.930	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.045	232	536950	21.451	ng/ul	96
59) Diethylphthalate	15.233	149	2117667	20.608	ng/ul	99
61) Fluorene	15.469	166	2194304	21.745	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	1074832	21.517	ng/ul	99
63) 4-Nitroaniline	15.486	138	540953	25.240	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.545	198	382137	20.552	ng/ul	95
67) N-Nitrosodiphenylamine	15.675	169	1831375	21.890	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	680315	21.997	ng/ul	98
69) Hexachlorobenzene	16.492	284	824967	22.014	ng/ul	98
70) Atrazine	16.657	200	704039	21.731	ng/ul	99
71) Pentachlorophenol	16.839	266	418688	18.164	ng/ul	99
72) Phenanthrene	17.239	178	3380217	21.834	ng/ul	99
74) Anthracene	17.333	178	3457824	22.148	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.198	216	901774	22.464	ng/uL	100
76) Pentachlorobenzene	14.727	250	968964	22.399	ng/uL	99
77) Carbazole	17.610	167	3229913	23.615	ng/ul	100
78) Di-n-butylphthalate	18.210	149	3686590	21.777	ng/ul	99
80) Fluoranthene	19.316	202	3958174	22.551	ng/ul	99
82) Pyrene	19.692	202	4209357	22.933	ng/ul	100
83) Butylbenzylphthalate	20.651	149	1723338	21.802	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.539	252	1456007	23.663	ng/ul	99
85) Benzo(a)anthracene	21.621	228	4111519	21.985	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.562	149	2421626	20.997	ng/ul	100
87) Chrysene	21.686	228	3843701	22.306	ng/ul	99
89) Di-n-octyl phthalate	22.862	149	3967615	21.230	ng/ul	100
90) Benzo(b)fluoranthene	23.945	252	4090888	21.626	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	4135477	21.807	ng/ul	99
93) Benzo(a)pyrene	24.856	252	3808700	21.560	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.862	276	5111317m	22.322	ng/ul	
95) Dibenzo(a,h)anthracene	28.939	278	4150374	22.344	ng/ul	99
96) Benzo(g,h,i)perylene	30.044	276	3952779	22.537	ng/ul	99

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

