

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
 Data File : BP023685.D
 Acq On : 21 Jan 2025 16:08
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020773

Quant Time: Jan 21 22:33:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 20 21:50:54 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/22/2025
 Supervised By :mohammad ahmed 01/22/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	608552	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	2370824	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	1352726	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	2547231	20.000	ng/u1	-0.01
79) Chrysene-d12	21.651	240	2789661	20.000	ng/u1	-0.01
88) Perylene-d12	25.039	264	2880698	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	117118	7.096	ng/uL	0.00
4) Pyridine-d5	3.722	84	811050	17.627	ng/u1	0.00
7) Phenol-d5	6.969	99	894775	17.078	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	529841	17.263	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	727733	17.588	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	676621	16.650	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	328547	18.156	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	276540	23.282	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	626640	17.345	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	958286	16.615	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1729176	16.425	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	2112392	16.867	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	315912	18.053	ng/u1	0.00
60) Fluorene-d10	15.428	176	1528872	16.780	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	162177	19.568	ng/u1	-0.01
73) Anthracene-d10	17.316	188	2362151	17.179	ng/u1	-0.01
81) Pyrene-d10	19.680	212	2596515	16.801	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.809	264	2692043	17.196	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	121370	6.949	ng/uL	96
5) Pyridine	3.740	79	825858	17.796	ng/u1	99
6) Benzaldehyde	6.952	77	571078m	20.175	ng/u1	
8) Phenol	6.993	94	949553	17.003	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	761274	17.232	ng/u1	97
12) 2-Chlorophenol	7.375	128	771506	17.419	ng/u1	98
13) 2-Methylphenol	8.234	108	671652	16.477	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.322	45	793670	17.343	ng/u1	99
16) Acetophenone	8.616	105	1122243	16.122	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.599	70	504636	14.914	ng/u1	99
18) 4-Methylphenol	8.552	108	736606	16.440	ng/u1	98
19) Hexachloroethane	8.881	117	315864	17.768	ng/u1	94
22) Nitrobenzene	8.987	77	770589	17.497	ng/u1	100
23) Isophorone	9.510	82	1368718	15.302	ng/u1	100
25) 2-Nitrophenol	9.693	139	340005	21.826	ng/u1	99
26) 2,4-Dimethylphenol	9.751	107	734916	17.052	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.987	93	912577	16.258	ng/u1	100
29) 2,4-Dichlorophenol	10.222	162	650062	17.380	ng/u1	98
30) Naphthalene	10.628	128	2359411	16.800	ng/u1	100
32) 4-Chloroaniline	10.728	127	919654	16.662	ng/u1	99
33) Hexachlorobutadiene	10.928	225	422547	17.040	ng/u1	98
34) Caprolactam	11.481	113	193806	14.186	ng/u1	99
35) 4-Chloro-3-methylphenol	11.851	107	621617	16.307	ng/u1	98
36) 2-Methylnaphthalene	12.240	142	1524894	16.064	ng/u1	99

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37) 1-Methylnaphthalene	12.463	142	1508767	16.003	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	779057	17.454	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	353236	20.501	ng/ul	100
41) 2,4,6-Trichlorophenol	12.845	196	432110	18.597	ng/ul	99
42) 2,4,5-Trichlorophenol	12.910	196	483337	18.705	ng/ul	98
43) 1,1'-Biphenyl	13.251	154	1953247	17.449	ng/ul	99
44) 2-Chloronaphthalene	13.292	162	1506253	17.274	ng/ul	98
45) 2-Nitroaniline	13.487	65	331547	19.222	ng/ul	97
47) Dimethylphthalate	13.875	163	1720310	16.266	ng/ul	100
48) 2,6-Dinitrotoluene	13.987	165	298090	18.347	ng/ul	97
50) Acenaphthylene	14.145	152	2295139	16.913	ng/ul	99
51) 3-Nitroaniline	14.316	138	350082	18.310	ng/ul	95
52) Acenaphthene	14.486	153	1615828	16.998	ng/ul	100
53) 2,4-Dinitrophenol	14.516	184	93831	18.249	ng/ul	92
55) 4-Nitrophenol	14.622	109	255081	18.780	ng/ul	97
56) Dibenzofuran	14.828	168	2190140	16.926	ng/ul	97
57) 2,4-Dinitrotoluene	14.775	165	456001	18.576	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.051	232	367119	18.173	ng/ul	96
59) Diethylphthalate	15.257	149	1703141	16.334	ng/ul	100
61) Fluorene	15.486	166	1825192	16.799	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	878219	16.542	ng/ul	99
63) 4-Nitroaniline	15.486	138	388729	19.353	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.551	198	198924	20.168	ng/ul	99
67) N-Nitrosodiphenylamine	15.692	169	1468394	17.217	ng/ul	100
68) 4-Bromophenyl-phenylether	16.392	248	514306	16.938	ng/ul	98
69) Hexachlorobenzene	16.504	284	624954	16.787	ng/ul	98
70) Atrazine	16.669	200	511886	17.288	ng/ul	99
71) Pentachlorophenol	16.857	266	317101	17.469	ng/ul	98
72) Phenanthrene	17.257	178	2745342	17.190	ng/ul	99
74) Anthracene	17.351	178	2810663	17.541	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	757671	18.175	ng/ul	99
76) Pentachlorobenzene	14.745	250	759582	17.201	ng/ul	99
77) Carbazole	17.622	167	2555439	19.202	ng/ul	100
78) Di-n-butylphthalate	18.227	149	2716678	17.577	ng/ul	100
80) Fluoranthene	19.333	202	3069172	17.362	ng/ul	100
82) Pyrene	19.710	202	3349417	17.390	ng/ul	100
83) Butylbenzylphthalate	20.663	149	1104011	21.818	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.551	252	860951	18.193	ng/ul	99
85) Benzo(a)anthracene	21.633	228	3364060	16.962	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	1723990	19.971	ng/ul	99
87) Chrysene	21.704	228	3164663	17.136	ng/ul	99
89) Di-n-octyl phthalate	22.892	149	2451025	20.214	ng/ul	100
90) Benzo(b)fluoranthene	23.968	252	3169828	17.514	ng/ul	99
91) Benzo(k)fluoranthene	24.045	252	3300004	16.639	ng/ul	99
93) Benzo(a)pyrene	24.886	252	3020202	16.963	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.880	276	3714732m	17.535	ng/ul	
95) Dibenzo(a,h)anthracene	28.986	278	3018433	17.581	ng/ul	99
96) Benzo(g,h,i)perylene	30.062	276	2879063	17.324	ng/ul	99

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

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