

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112425\
 Data File : BG064854.D
 Acq On : 24 Nov 2025 18:08
 Operator : RC/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SICV425

Quant Time: Nov 25 10:26:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 25 10:23:09 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	34978	20.000	ng/u1	0.00
20) Naphthalene-d8	10.972	136	142484	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.768	164	123153	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.494	188	313561	20.000	ng/u1	0.00
79) Chrysene-d12	21.742	240	394468	20.000	ng/u1	0.00
88) Perylene-d12	24.997	264	439456	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.481	96	6005	6.805	ng/uL	0.00
4) Pyridine-d5	3.910	84	46079	18.951	ng/u1	0.00
7) Phenol-d5	7.300	99	48722	17.279	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.470	67	36818	20.416	ng/u1	0.00
11) 2-Chlorophenol-d4	7.682	132	41907	19.605	ng/u1	0.00
15) 4-Methylphenol-d8	8.851	113	43915	18.070	ng/u1	0.00
21) Nitrobenzene-d5	9.315	128	20745	19.303	ng/u1	0.00
24) 2-Nitrophenol-d4	10.044	143	25187	19.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.584	165	50784	19.296	ng/u1	0.00
31) 4-Chloroaniline-d4	11.095	131	61134	18.173	ng/u1	0.00
46) Dimethylphthalate-d6	14.162	166	185795	19.179	ng/u1	0.00
49) Acenaphthylene-d8	14.462	160	198219	19.106	ng/u1	0.00
54) 4-Nitrophenol-d4	14.938	143	26509	18.050	ng/u1	0.00
60) Fluorene-d10	15.749	176	165202	18.996	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.855	200	37695	18.777	ng/u1	0.00
73) Anthracene-d10	17.594	188	305060	19.254	ng/u1	0.00
81) Pyrene-d10	19.862	212	389768	19.236	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	436301	18.818	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.522	88	6104	5.980	ng/uL#	85
5) Pyridine	3.933	79	45762	17.189	ng/u1	96
6) Benzaldehyde	7.282	77	35531	25.656	ng/u1	94
8) Phenol	7.323	94	50297	17.088	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.564	93	37357	17.162	ng/u1	96
12) 2-Chlorophenol	7.717	128	40659	17.959	ng/u1	99
13) 2-Methylphenol	8.587	108	39345	16.885	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.675	45	76915	16.830	ng/u1	100
16) Acetophenone	8.974	105	69010	17.264	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.957	70	33852	17.654	ng/u1#	96
18) 4-Methylphenol	8.916	108	43541	17.032	ng/u1	92
19) Hexachloroethane	9.251	117	17812	17.630	ng/u1	93
22) Nitrobenzene	9.356	77	51093	18.510	ng/u1	100
23) Isophorone	9.885	82	96353	17.819	ng/u1	99
25) 2-Nitrophenol	10.073	139	23836	17.762	ng/u1	95
26) 2,4-Dimethylphenol	10.126	107	49975	17.289	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.361	93	54798	18.070	ng/u1	97
29) 2,4-Dichlorophenol	10.614	162	44399	18.089	ng/u1	99
30) Naphthalene	11.025	128	141767	17.313	ng/u1	99
32) 4-Chloroaniline	11.119	127	60679	17.723	ng/u1	97
33) Hexachlorobutadiene	11.313	225	46294	17.981	ng/u1	98
34) Caprolactam	11.859	113	15740m	18.352	ng/u1	
35) 4-Chloro-3-methylphenol	12.224	107	49521	18.527	ng/u1	97
36) 2-Methylnaphthalene	12.617	142	99787	16.262	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.829	142	103037	17.155	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.982	216	83607	17.670	ng/u1	95
40) Hexachlorocyclopentadiene	12.964	237	54109	16.507	ng/u1	97
41) 2,4,6-Trichlorophenol	13.211	196	48435	18.518	ng/u1	95
42) 2,4,5-Trichlorophenol	13.281	196	55319	20.072	ng/u1	98
43) 1,1'-Biphenyl	13.610	154	154813	17.856	ng/u1	99
44) 2-Chloronaphthalene	13.651	162	119429	17.547	ng/u1	98
45) 2-Nitroaniline	13.845	65	38179	18.869	ng/u1	95
47) Dimethylphthalate	14.209	163	176520	17.856	ng/u1	98
48) 2,6-Dinitrotoluene	14.327	165	34792	19.180	ng/u1	92
50) Acenaphthylene	14.492	152	213533	17.990	ng/u1	99
51) 3-Nitroaniline	14.656	138	33116	21.049	ng/u1	97
52) Acenaphthene	14.832	153	137221	17.631	ng/u1	96
53) 2,4-Dinitrophenol	14.862	184	16356	15.332	ng/u1	92
55) 4-Nitrophenol	14.950	109	23275	17.144	ng/u1	93
56) Dibenzofuran	15.161	168	213080	17.937	ng/u1	100
57) 2,4-Dinitrotoluene	15.108	165	51878	18.798	ng/u1#	99
58) 2,3,4,6-Tetrachlorophenol	15.379	232	60581	19.412	ng/u1#	98
59) Diethylphthalate	15.561	149	174369	17.960	ng/u1	98
61) Fluorene	15.808	166	170404	18.287	ng/u1	94
62) 4-Chlorophenyl-phenyle...	15.796	204	100601	17.704	ng/u1	99
63) 4-Nitroaniline	15.808	138	34381	21.224	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.866	198	34619	17.744	ng/u1	95
67) N-Nitrosodiphenylamine	16.002	169	154448	18.328	ng/u1	98
68) 4-Bromophenyl-phenylether	16.683	248	75562	18.076	ng/u1	98
69) Hexachlorobenzene	16.806	284	90187	17.783	ng/u1	97
70) Atrazine	16.936	200	75265	18.668	ng/u1	98
71) Pentachlorophenol	17.141	266	47498	16.866	ng/u1	97
72) Phenanthrene	17.535	178	309100	17.629	ng/u1	99
74) Anthracene	17.629	178	319142	18.147	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.575	216	83963	17.811	ng/u1	97
76) Pentachlorobenzene	15.085	250	94125	17.575	ng/u1	94
77) Carbazole	17.888	167	272404	18.993	ng/u1	97
78) Di-n-butylphthalate	18.440	149	308880	18.620	ng/u1	100
80) Fluoranthene	19.533	202	404668	17.829	ng/u1	99
82) Pyrene	19.891	202	424521	17.920	ng/u1	99
83) Butylbenzylphthalate	20.761	149	139919	17.885	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.630	252	179283	21.342	ng/u1	98
85) Benzo(a)anthracene	21.724	228	480731	18.178	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.624	149	206874	17.879	ng/u1	99
87) Chrysene	21.789	228	456436	17.831	ng/u1	100
89) Di-n-octyl phthalate	22.841	149	353674	17.661	ng/u1	100
90) Benzo(b)fluoranthene	23.957	252	480475	17.758	ng/u1	99
91) Benzo(k)fluoranthene	24.027	252	499146	18.029	ng/u1	97
93) Benzo(a)pyrene	24.844	252	463928	18.028	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	28.704	276	559779	16.932	ng/u1	99
95) Dibenzo(a,h)anthracene	28.775	278	451950	16.946	ng/u1	99
96) Benzo(g,h,i)perylene	29.868	276	458935	17.198	ng/u1	97

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

