

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
 Data File : BG064858.D
 Acq On : 25 Nov 2025 13:09
 Operator : RC/JU
 Sample : PB170717BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS717

Quant Time: Nov 25 13:56:54 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 11/26/2025
 Supervised By :mohammad ahmed 12/03/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	32091	20.000	ng/u1	0.00
20) Naphthalene-d8	10.973	136	132576	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.768	164	113356	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.495	188	291078	20.000	ng/u1	0.00
79) Chrysene-d12	21.742	240	373019	20.000	ng/u1	0.00
88) Perylene-d12	24.997	264	410007	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	4843	5.982	ng/uL	0.00
4) Pyridine-d5	3.910	84	66583	29.847	ng/u1	0.00
7) Phenol-d5	7.295	99	86845	33.570	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.471	67	53351	32.246	ng/u1	0.00
11) 2-Chlorophenol-d4	7.683	132	71472	36.443	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	74655	33.483	ng/u1	0.00
21) Nitrobenzene-d5	9.316	128	33299	33.301	ng/u1	0.00
24) 2-Nitrophenol-d4	10.044	143	41354	34.818	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.585	165	88170	36.006	ng/u1	0.00
31) 4-Chloroaniline-d4	11.096	131	72219	23.073	ng/u1	0.00
46) Dimethylphthalate-d6	14.163	166	301943	33.863	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	313559	32.836	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	46985	34.756	ng/u1	0.00
60) Fluorene-d10	15.750	176	263770	32.951	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.855	200	61299	32.893	ng/u1	0.00
73) Anthracene-d10	17.594	188	481781	32.756	ng/u1	0.00
81) Pyrene-d10	19.862	212	628912	32.823	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.774	264	733076	33.889	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	10077	10.760	ng/uL	93
5) Pyridine	3.928	79	66578	27.257	ng/u1	95
6) Benzaldehyde	7.277	77	4753	3.741	ng/u1	96
8) Phenol	7.324	94	91382	33.839	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.559	93	64746	32.420	ng/u1	99
12) 2-Chlorophenol	7.718	128	69805	33.607	ng/u1	96
13) 2-Methylphenol	8.587	108	69495	32.508	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.670	45	130263	31.067	ng/u1	99
16) Acetophenone	8.975	105	114626	31.255	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.957	70	56544	32.140	ng/u1	95
18) 4-Methylphenol	8.916	108	78727	33.566	ng/u1	86
19) Hexachloroethane	9.257	117	28555	30.805	ng/u1	91
22) Nitrobenzene	9.357	77	83848	32.647	ng/u1	99
23) Isophorone	9.886	82	163121	32.421	ng/u1	99
25) 2-Nitrophenol	10.074	139	40421	32.372	ng/u1	94
26) 2,4-Dimethylphenol	10.127	107	77739	28.904	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.362	93	95219	33.746	ng/u1	97
29) 2,4-Dichlorophenol	10.614	162	80666	35.320	ng/u1	97
30) Naphthalene	11.026	128	239883	31.485	ng/u1	98
32) 4-Chloroaniline	11.126	127	55002	17.265	ng/u1	95
33) Hexachlorobutadiene	11.314	225	75135	31.364	ng/u1	98
34) Caprolactam	11.866	113	26079m	32.679	ng/u1	
35) 4-Chloro-3-methylphenol	12.224	107	86673	34.849	ng/u1	94
36) 2-Methylnaphthalene	12.618	142	178948	31.342	ng/u1	99

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37) 1-Methylnaphthalene	12.829	142	178319	31.909	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.976	216	141157	32.412	ng/ul	96
40) Hexachlorocyclopentadiene	12.965	237	70727	23.442	ng/ul	91
41) 2,4,6-Trichlorophenol	13.211	196	80906	33.606	ng/ul	96
42) 2,4,5-Trichlorophenol	13.282	196	88569	34.915	ng/ul	92
43) 1,1'-Biphenyl	13.605	154	256682	32.164	ng/ul	99
44) 2-Chloronaphthalene	13.652	162	203080	32.415	ng/ul	97
45) 2-Nitroaniline	13.840	65	65666	35.258	ng/ul	92
47) Dimethylphthalate	14.210	163	298138	32.764	ng/ul	99
48) 2,6-Dinitrotoluene	14.328	165	58565	35.076	ng/ul	92
50) Acenaphthylene	14.492	152	323800	29.638	ng/ul	98
51) 3-Nitroaniline	14.657	138	47106	32.528	ng/ul	96
52) Acenaphthene	14.833	153	233748	32.630	ng/ul	97
53) 2,4-Dinitrophenol	14.862	184	34302	34.934	ng/ul	94
55) 4-Nitrophenol	14.950	109	42122	33.708	ng/ul	91
56) Dibenzofuran	15.162	168	352663	32.252	ng/ul	99
57) 2,4-Dinitrotoluene	15.109	165	88922	35.005	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.385	232	91591	31.885	ng/ul#	93
59) Diethylphthalate	15.562	149	292834	32.768	ng/ul	99
61) Fluorene	15.808	166	273717	31.913	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.791	204	170542	32.606	ng/ul	99
63) 4-Nitroaniline	15.808	138	57465	38.540	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.867	198	61928	34.193	ng/ul	96
67) N-Nitrosodiphenylamine	16.002	169	250229	31.988	ng/ul	96
68) 4-Bromophenyl-phenylether	16.684	248	127681	32.903	ng/ul	96
69) Hexachlorobenzene	16.807	284	152460	32.385	ng/ul	98
70) Atrazine	16.936	200	12737	3.403	ng/ul	99
71) Pentachlorophenol	17.148	266	79591	30.446	ng/ul	94
72) Phenanthrene	17.536	178	524028	32.196	ng/ul	98
74) Anthracene	17.630	178	525212	32.170	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.576	216	142533	32.571	ng/ul	99
76) Pentachlorobenzene	15.086	250	159450	32.072	ng/ul	96
77) Carbazole	17.888	167	443485	33.310	ng/ul	100
78) Di-n-butylphthalate	18.440	149	529656	34.394	ng/ul	99
80) Fluoranthene	19.533	202	691905	32.238	ng/ul	98
82) Pyrene	19.892	202	737852	32.937	ng/ul	99
83) Butylbenzylphthalate	20.761	149	243350	32.894	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.631	252	244159	30.737	ng/ul	100
85) Benzo(a)anthracene	21.725	228	816239	32.639	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.625	149	356416	32.575	ng/ul	97
87) Chrysene	21.789	228	781092	32.269	ng/ul	99
89) Di-n-octyl phthalate	22.841	149	632721	33.864	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	825273	32.692	ng/ul	99
91) Benzo(k)fluoranthene	24.028	252	840503	32.539	ng/ul	98
93) Benzo(a)pyrene	24.845	252	777777	32.395	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.717	276	1013456	32.856	ng/ul	99
95) Dibenzo(a,h)anthracene	28.775	278	827061	33.237	ng/ul	99
96) Benzo(g,h,i)perylene	29.880	276	788755	31.680	ng/ul	98

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

