Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091525\
Data File : BG064369.D
Acq On : 15 Sep 2025 10:45
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 11:18:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 11:06:20 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020598

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

09/16/2025
Supervised By :Jagrut Upadhyay

09/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.841	152	17753	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	81390	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.468	164	62428	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	157250	20.000	ng/ul	0.00
79) Chrysene-d12	21.437	240	173247	20.000	ng/ul	0.00
88) Perylene-d12	24.433	264	192013	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	3039	8.992	ng/uL	0.00
4) Pyridine-d5	3.716	84	19947	20.230	ng/ul	0.00
7) Phenol-d5	7.007	99	27091	18.669	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	14804	19.550	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	22402	19.303	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	24672	18.687	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	11303	17.698	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.715	143	14316	18.377	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	26392	18.220	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	36241	18.507	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	107805	19.376	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	101916	18.959	ng/ul	0.00
54) 4-Nitrophenol-d4	14.662	143	16259	18.651	ng/ul	0.00
60) Fluorene-d10	15.461	176	89380	19.800	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	20201	18.010	ng/ul	0.00
73) Anthracene-d10	17.306	188	153075	19.514	ng/ul	0.00
81) Pyrene-d10	19.592	212	187633	19.228	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.228	264	189092	19.107	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	3134	8.294	ng/uL#	53
5) Pyridine	3.734	79	21563	20.740	ng/ul	95
6) Benzaldehyde	6.983	77	16498	24.448	ng/ul	96
8) Phenol	7.036	94	27308	18.373	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.265	93	19850	19.340	ng/ul	94
12) 2-Chlorophenol	7.406	128	23674	19.622	ng/ul	94
13) 2-Methylphenol	8.282	108	21862	17.728	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.364	45	37408	19.575	ng/ul	97
16) Acetophenone	8.658	105	38753	18.463	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.640	70	18550	18.790	ng/ul#	96
18) 4-Methylphenol	8.605	108	24855	18.741	ng/ul	82
19) Hexachloroethane	8.916	117	10177	19.133	ng/ul	86
22) Nitrobenzene	9.034	77	28735	18.114	ng/ul#	86
23) Isophorone	9.557	82	55620	18.233	ng/ul	100
25) 2-Nitrophenol	9.745	139	14514	19.434	ng/ul	91
26) 2,4-Dimethylphenol	9.809	107	32112	19.392	ng/ul	88
27) Bis(2-Chloroethoxy)met...	10.038	93	29844	19.323	ng/ul#	94
29) 2,4-Dichlorophenol	10.279	162	25759	19.491	ng/ul#	92
30) Naphthalene	10.679	128	83586	18.865	ng/ul	99
32) 4-Chloroaniline	10.785	127	36837	19.085	ng/ul	90
33) Hexachlorobutadiene	10.967	225	23218	19.554	ng/ul	93
34) Caprolactam	11.531	113	10011m	18.677	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	31235	19.102	ng/ul	89
36) 2-Methylnaphthalene	12.289	142	63822	18.921	ng/ul	96

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37) 1-Methylnaphthalene	12.512	142	61781	18.430	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.659	216	38282	19.351	ng/ul#	95
40) Hexachlorocyclopentadiene	12.641	237	24138	17.715	ng/ul	90
41) 2,4,6-Trichlorophenol	12.900	196	25050	19.766	ng/ul	97
42) 2,4,5-Trichlorophenol	12.970	196	27071	19.967	ng/ul	93
43) 1,1'-Biphenyl	13.299	154	89616	19.443	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	66661	19.711	ng/ul	97
45) 2-Nitroaniline	13.546	65	22882	18.842	ng/ul	88
47) Dimethylphthalate	13.922	163	98742	19.102	ng/ul#	98
48) 2,6-Dinitrotoluene	14.040	165	21131	21.366	ng/ul	100
50) Acenaphthylene	14.186	152	114025	19.719	ng/ul	97
51) 3-Nitroaniline	14.369	138	17972	21.302	ng/ul	95
52) Acenaphthene	14.533	153	78086	19.886	ng/ul	97
53) 2,4-Dinitrophenol	14.580	184	10367	15.564	ng/ul#	83
55) 4-Nitrophenol	14.686	109	21342	18.478	ng/ul	92
56) Dibenzofuran	14.868	168	113603	19.534	ng/ul	91
57) 2,4-Dinitrotoluene	14.827	165	32146	20.161	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.091	232	28334	19.867	ng/ul	96
59) Diethylphthalate	15.291	149	108011	19.083	ng/ul	93
61) Fluorene	15.514	166	96806	19.629	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.508	204	51189	19.685	ng/ul	96
63) 4-Nitroaniline	15.526	138	18285	21.100	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.591	198	20733	18.187	ng/ul	96
67) N-Nitrosodiphenylamine	15.720	169	84100	19.596	ng/ul	97
68) 4-Bromophenyl-phenylether	16.401	248	35907	19.462	ng/ul	93
69) Hexachlorobenzene	16.519	284	39735	19.107	ng/ul	96
70) Atrazine	16.672	200	40841	19.298	ng/ul#	88
71) Pentachlorophenol	16.866	266	22009	16.510	ng/ul	95
72) Phenanthrene	17.253	178	164329	19.227	ng/ul	97
74) Anthracene	17.342	178	171832	19.751	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.264	216	41081	19.280	ng/ul	96
76) Pentachlorobenzene	14.792	250	45034	19.320	ng/ul	95
77) Carbazole	17.612	167	145475	19.257	ng/ul	97
78) Di-n-butylphthalate	18.176	149	175212	18.683	ng/ul	99
80) Fluoranthene	19.263	202	203872	18.472	ng/ul	99
82) Pyrene	19.621	202	216511	19.046	ng/ul	98
83) Butylbenzylphthalate	20.520	149	80909	18.203	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.343	252	78477	21.569	ng/ul	97
85) Benzo(a)anthracene	21.419	228	221902	19.101	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.343	149	118989	18.661	ng/ul	99
87) Chrysene	21.484	228	210258	19.231	ng/ul	97
89) Di-n-octyl phthalate	22.477	149	203459	18.613	ng/ul	100
90) Benzo(b)fluoranthene	23.487	252	225815	19.554	ng/ul#	99
91) Benzo(k)fluoranthene	23.552	252	216244	18.820	ng/ul	99
93) Benzo(a)pyrene	24.292	252	210801	19.650	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.806	276	264990	19.106	ng/ul#	98
95) Dibenzo(a,h)anthracene	27.859	278	213794	19.132	ng/ul	95
96) Benzo(g,h,i)perylene	28.857	276	214640	18.957	ng/ul	96

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

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