Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091625\
Data File : BG064394.D
Acq On : 16 Sep 2025 21:31
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 17 04:27:54 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 :
SSTD020452

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/17/2025
Supervised By :Jagrut Upadhyay 09/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	22778	20.000	ng/ul	0.00
20) Naphthalene-d8	10.632	136	96414	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	71735	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.206	188	175562	20.000	ng/ul	0.00
79) Chrysene-d12	21.437	240	204019	20.000	ng/ul	0.00
88) Perylene-d12	24.433	264	220539	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	4191	9.665	ng/uL	0.00
4) Pyridine-d5	3.716	84	24424	19.306	ng/ul	0.00
7) Phenol-d5	7.013	99	33672	18.085	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.171	67	19378	19.945	ng/ul	0.00
11) 2-Chlorophenol-d4	7.377	132	30290	20.342	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	32480	19.174	ng/ul	0.00
21) Nitrobenzene-d5	8.993	128	15767	20.841	ng/ul	0.00
24) 2-Nitrophenol-d4	9.709	143	20176	21.864	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.256	165	35892	20.917	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	45988	19.825	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	128567	20.110	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	128322	20.774	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	20574	20.539	ng/ul	0.00
60) Fluorene-d10	15.456	176	107137	20.655	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.579	200	25687	20.512	ng/ul	0.00
73) Anthracene-d10	17.306	188	185625	21.196	ng/ul	0.00
81) Pyrene-d10	19.592	212	221274	19.255	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.228	264	240125	21.126	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	4402	9.080	ng/uL	98
5) Pyridine	3.740	79	25684	19.254	ng/ul	96
6) Benzaldehyde	6.983	77	21500	24.832	ng/ul	93
8) Phenol	7.036	94	35084	18.397	ng/ul#	82
10) Bis(2-Chloroethyl)ether	7.265	93	25937	19.696	ng/ul	89
12) 2-Chlorophenol	7.412	128	31386	20.276	ng/ul	95
13) 2-Methylphenol	8.282	108	29027	18.346	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.364	45	46808	19.091	ng/ul#	93
16) Acetophenone	8.658	105	50473	18.742	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.646	70	24802	19.580	ng/ul#	93
18) 4-Methylphenol	8.611	108	31577	18.557	ng/ul	96
19) Hexachloroethane	8.916	117	13055	19.129	ng/ul	95
22) Nitrobenzene	9.034	77	37788	20.109	ng/ul	99
23) Isophorone	9.557	82	69420	19.211	ng/ul	97
25) 2-Nitrophenol	9.745	139	19221	21.726	ng/ul	93
26) 2,4-Dimethylphenol	9.809	107	39385	20.078	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.038	93	36941	20.191	ng/ul	97
29) 2,4-Dichlorophenol	10.279	162	32430	20.715	ng/ul	96
30) Naphthalene	10.679	128	106524	20.295	ng/ul	98
32) 4-Chloroaniline	10.785	127	44893	19.634	ng/ul	94
33) Hexachlorobutadiene	10.973	225	29951	21.294	ng/ul	95
34) Caprolactam	11.537	113	12307m	19.382	ng/ul	
35) 4-Chloro-3-methylphenol	11.913	107	38614	19.935	ng/ul	98
36) 2-Methylnaphthalene	12.289	142	79283	19.842	ng/ul	91

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37) 1-Methylnaphthalene	12.506	142	80074	20.165	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.659	216	49967	21.980	ng/ul	97
40) Hexachlorocyclopentadiene	12.641	237	33105	21.144	ng/ul	98
41) 2,4,6-Trichlorophenol	12.900	196	30347	20.838	ng/ul	92
42) 2,4,5-Trichlorophenol	12.970	196	33446	21.469	ng/ul	97
43) 1,1'-Biphenyl	13.299	154	111851	21.119	ng/ul#	96
44) 2-Chloronaphthalene	13.340	162	82253	21.165	ng/ul	94
45) 2-Nitroaniline	13.546	65	28240	20.237	ng/ul	93
47) Dimethylphthalate	13.922	163	117312	19.750	ng/ul#	94
48) 2,6-Dinitrotoluene	14.040	165	25157	22.137	ng/ul	98
50) Acenaphthylene	14.186	152	139209	20.950	ng/ul	97
51) 3-Nitroaniline	14.369	138	21218	21.887	ng/ul	86
52) Acenaphthene	14.533	153	94677	20.983	ng/ul	93
53) 2,4-Dinitrophenol	14.574	184	14488	18.928	ng/ul#	81
55) 4-Nitrophenol	14.680	109	26182	19.728	ng/ul	88
56) Dibenzofuran	14.868	168	140860	21.078	ng/ul	88
57) 2,4-Dinitrotoluene	14.827	165	39269	21.433	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.091	232	32964	20.114	ng/ul	96
59) Diethylphthalate	15.291	149	126062	19.382	ng/ul	95
61) Fluorene	15.514	166	118225	20.862	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.508	204	62457	20.902	ng/ul	95
63) 4-Nitroaniline	15.532	138	22095	22.188	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.591	198	26184	20.573	ng/ul#	93
67) N-Nitrosodiphenylamine	15.720	169	100293	20.931	ng/ul	93
68) 4-Bromophenyl-phenylether	16.402	248	44258	21.486	ng/ul	91
69) Hexachlorobenzene	16.519	284	48835	21.034	ng/ul	94
70) Atrazine	16.672	200	47435	20.076	ng/ul	95
71) Pentachlorophenol	16.860	266	28471	19.129	ng/ul	95
72) Phenanthrene	17.248	178	201681	21.136	ng/ul	97
74) Anthracene	17.342	178	204931	21.099	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.264	216	50918	21.404	ng/ul	93
76) Pentachlorobenzene	14.786	250	54947	21.114	ng/ul	97
77) Carbazole	17.606	167	178401	21.153	ng/ul	99
78) Di-n-butylphthalate	18.176	149	215898	20.620	ng/ul	100
80) Fluoranthene	19.257	202	252380	19.418	ng/ul	98
82) Pyrene	19.621	202	260361	19.449	ng/ul	98
83) Butylbenzylphthalate	20.514	149	101729	19.435	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.337	252	96226	22.459	ng/ul	91
85) Benzo(a)anthracene	21.419	228	277711	20.299	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.343	149	152556	20.316	ng/ul#	96
87) Chrysene	21.478	228	264653	20.555	ng/ul	97
89) Di-n-octyl phthalate	22.477	149	249034	19.835	ng/ul	100
90) Benzo(b)fluoranthene	23.487	252	273724m	20.637	ng/ul	
91) Benzo(k)fluoranthene	23.546	252	275323	20.862	ng/ul	99
93) Benzo(a)pyrene	24.292	252	260296	21.126	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.806	276	338330	21.239	ng/ul	95
95) Dibenzo(a,h)anthracene	27.859	278	271143	21.125	ng/ul#	94
96) Benzo(g,h,i)perylene	28.858	276	269443	20.719	ng/ul	93

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

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