Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091125\
Data File : BG064347.D
Acq On : 11 Sep 2025 15:04
Operator : RC/JU
Sample : SSTD01014
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 12 10:51:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 12 10:45:34 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010413

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	18386	20.000	ng/ul	0.00
20) Naphthalene-d8	10.633	136	80572	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	60689	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.213	188	156272	20.000	ng/ul	0.00
79) Chrysene-d12	21.438	240	169109	20.000	ng/ul	0.00
88) Perylene-d12	24.440	264	186795	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.312	96	1436	3.372	ng/uL	0.00
4) Pyridine-d5	3.723	84	10158	8.316	ng/ul	0.00
7) Phenol-d5	7.019	99	13606	8.648	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.178	67	7771	8.035	ng/ul	0.00
11) 2-Chlorophenol-d4	7.383	132	11660	9.133	ng/ul	0.00
15) 4-Methylphenol-d8	8.553	113	12693	9.476	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	6146	10.315	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	7275	11.334	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.257	165	13841	10.815	ng/ul	0.00
31) 4-Chloroaniline-d4	10.768	131	18267	10.380	ng/ul	0.00
46) Dimethylphthalate-d6	13.876	166	54615	11.370	ng/ul	0.00
49) Acenaphthylene-d8	14.164	160	53507	10.320	ng/ul	0.00
54) 4-Nitrophenol-d4	14.669	143	7161	9.004	ng/ul	0.00
60) Fluorene-d10	15.462	176	45269	11.059	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.580	200	9611	10.746	ng/ul	0.00
73) Anthracene-d10	17.307	188	79267	10.279	ng/ul	0.00
81) Pyrene-d10	19.593	212	94640	10.260	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.228	264	92987	9.716	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	1656	3.425	ng/uL#	80
5) Pyridine	3.741	79	9555	7.503	ng/ul#	84
6) Benzaldehyde	6.984	77	8963	10.064	ng/ul	89
8) Phenol	7.043	94	14570	8.937	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.272	93	10578	8.749	ng/ul#	87
12) 2-Chlorophenol	7.413	128	12395	9.494	ng/ul	95
13) 2-Methylphenol	8.288	108	12760	10.028	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.371	45	19504	7.063	ng/ul#	95
16) Acetophenone	8.658	105	20224	9.336	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.647	70	10546	9.288	ng/ul#	86
18) 4-Methylphenol	8.617	108	12585	8.949	ng/ul	89
19) Hexachloroethane	8.923	117	5347	9.573	ng/ul	99
22) Nitrobenzene	9.040	77	15663	9.795	ng/ul	95
23) Isophorone	9.557	82	30537	9.989	ng/ul#	94
25) 2-Nitrophenol	9.745	139	7023	10.257	ng/ul	99
26) 2,4-Dimethylphenol	9.810	107	16160	10.843	ng/ul#	87
27) Bis(2-Chloroethoxy)met...	10.039	93	16118	9.528	ng/ul#	83
29) 2,4-Dichlorophenol	10.280	162	13013	10.541	ng/ul	91
30) Naphthalene	10.685	128	44080	10.293	ng/ul	96
32) 4-Chloroaniline	10.791	127	17031	9.931	ng/ul	90
33) Hexachlorobutadiene	10.973	225	11915	12.078	ng/ul#	82
34) Caprolactam	11.537	113	5074m	10.530	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	15581	10.097	ng/ul#	96
36) 2-Methylnaphthalene	12.289	142	33562	10.654	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.513	142	33525	10.516	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.666	216	18639	10.174	ng/ul#	93
40) Hexachlorocyclopentadiene	12.648	237	11213	10.823	ng/ul	94
41) 2,4,6-Trichlorophenol	12.906	196	12536	10.841	ng/ul	92
42) 2,4,5-Trichlorophenol	12.977	196	13130m	10.519	ng/ul	
43) 1,1'-Biphenyl	13.306	154	46111	10.192	ng/ul#	96
44) 2-Chloronaphthalene	13.341	162	32840	9.651	ng/ul#	95
45) 2-Nitroaniline	13.547	65	11450	9.889	ng/ul	96
47) Dimethylphthalate	13.923	163	52678	11.701	ng/ul#	98
48) 2,6-Dinitrotoluene	14.040	165	9642	11.214	ng/ul	93
50) Acenaphthylene	14.193	152	56775	10.545	ng/ul	97
51) 3-Nitroaniline	14.375	138	7978	9.478	ng/ul#	96
52) Acenaphthene	14.534	153	37139	9.491	ng/ul#	92
53) 2,4-Dinitrophenol	14.581	184	4643	9.744	ng/ul	90
55) 4-Nitrophenol	14.687	109	9602	10.243	ng/ul	99
56) Dibenzofuran	14.869	168	58309	10.601	ng/ul#	84
57) 2,4-Dinitrotoluene	14.828	165	15539	11.677	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.092	232	13153	11.304	ng/ul#	98
59) Diethylphthalate	15.292	149	56772	11.567	ng/ul	96
61) Fluorene	15.515	166	48556	10.685	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.515	204	26067	11.419	ng/ul	98
63) 4-Nitroaniline	15.533	138	8416	9.577	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.592	198	10059	10.705	ng/ul	93
67) N-Nitrosodiphenylamine	15.727	169	42768	9.625	ng/ul	96
68) 4-Bromophenyl-phenylether	16.408	248	18051	10.489	ng/ul	98
69) Hexachlorobenzene	16.520	284	21369	11.171	ng/ul	97
70) Atrazine	16.673	200	22549	12.408	ng/ul	96
71) Pentachlorophenol	16.866	266	11822	10.237	ng/ul	93
72) Phenanthrene	17.254	178	84424	9.886	ng/ul	98
74) Anthracene	17.342	178	85452	9.793	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.271	216	20342	9.509	ng/ul	90
76) Pentachlorobenzene	14.787	250	23314	10.360	ng/ul	91
77) Carbazole	17.607	167	73671	9.812	ng/ul	99
78) Di-n-butylphthalate	18.177	149	93759	9.777	ng/ul	99
80) Fluoranthene	19.264	202	108344	10.011	ng/ul	99
82) Pyrene	19.622	202	111068	9.753	ng/ul	99
83) Butylbenzylphthalate	20.521	149	43782	9.688	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.344	252	38435	11.670	ng/ul#	89
85) Benzo(a)anthracene	21.420	228	112266	9.783	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.344	149	62702	9.323	ng/ul#	98
87) Chrysene	21.485	228	105824	9.737	ng/ul	97
89) Di-n-octyl phthalate	22.483	149	107498	9.171	ng/ul	100
90) Benzo(b)fluoranthene	23.494	252	113565	9.990	ng/ul	98
91) Benzo(k)fluoranthene	23.553	252	111006m	9.691	ng/ul	
93) Benzo(a)pyrene	24.293	252	103331	9.721	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.807	276	135620m	10.107	ng/ul	
95) Dibenzo(a,h)anthracene	27.871	278	109279	10.185	ng/ul	96
96) Benzo(g,h,i)perylene	28.864	276	108498	10.298	ng/ul	96

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

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