Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112525\
Data File : BG064867.D
Acq On : 25 Nov 2025 19:19
Operator : RC/JU
Sample : PB170719BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 26 02:58:16 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

Instrument :
BNA_G
ClientSampleId :
SLCS719

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	8.161	152	27899	20.000	ng/ul	0.00
20) Naphthalene-d8	10.975	136	107933	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.765	164	101535	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.497	188	269446m	20.000	ng/ul	0.00
79) Chrysene-d12	21.745	240	371388m	20.000	ng/ul	0.00
88) Perylene-d12	25.000	264	398646	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.478	96	2842	4.038	ng/uL	0.00
4) Pyridine-d5	3.913	84	41688	21.495	ng/ul	0.00
7) Phenol-d5	7.297	99	63123	28.067	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.468	67	35352	24.578	ng/ul	0.00
11) 2-Chlorophenol-d4	7.685	132	52231	30.634	ng/ul	0.00
15) 4-Methylphenol-d8	8.854	113	53433	27.566	ng/ul	0.00
21) Nitrobenzene-d5	9.318	128	25030	30.746	ng/ul	0.00
24) 2-Nitrophenol-d4	10.047	143	30616	31.663	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.587	165	65097	32.653	ng/ul	0.00
31) 4-Chloroaniline-d4	11.099	131	54184	21.263	ng/ul	0.00
46) Dimethylphthalate-d6	14.166	166	227911	28.536	ng/ul	0.00
49) Acenaphthylene-d8	14.465	160	241525	28.237	ng/ul	0.00
54) 4-Nitrophenol-d4	14.941	143	36319	29.994	ng/ul	0.00
60) Fluorene-d10	15.752	176	210094	29.301	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.858	200	52959m	30.699	ng/ul	0.00
73) Anthracene-d10	17.597	188	393926	28.933	ng/ul	0.00
81) Pyrene-d10	19.865	212	543596	28.495	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.777	264	624289	29.682	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.519	88	5697	6.997	ng/uL#	83
5) Pyridine	3.930	79	42059	19.806	ng/ul	94
6) Benzaldehyde	7.285	77	4049m	3.665	ng/ul	
8) Phenol	7.327	94	63527	27.059	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.562	93	43215	24.890	ng/ul	98
12) 2-Chlorophenol	7.720	128	50857	28.164	ng/ul	99
13) 2-Methylphenol	8.590	108	48363	26.022	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.672	45	88931	24.397	ng/ul	99
16) Acetophenone	8.977	105	80174	25.146	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.960	70	38318	25.053	ng/ul#	89
18) 4-Methylphenol	8.919	108	54736	26.843	ng/ul	90
19) Hexachloroethane	9.254	117	20379	25.288	ng/ul	97
22) Nitrobenzene	9.359	77	59052	28.242	ng/ul	99
23) Isophorone	9.888	82	109021	26.616	ng/ul#	97
25) 2-Nitrophenol	10.076	139	30522	30.026	ng/ul#	93
26) 2,4-Dimethylphenol	10.129	107	55964	25.559	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.364	93	58418	25.430	ng/ul	98
29) 2,4-Dichlorophenol	10.611	162	61082	32.851	ng/ul	98
30) Naphthalene	11.022	128	172108	27.747	ng/ul	97
32) 4-Chloroaniline	11.122	127	40352	15.558	ng/ul	97
33) Hexachlorobutadiene	11.310	225	61563	31.566	ng/ul	92
34) Caprolactam	11.862	113	17042m	26.231	ng/ul	
35) 4-Chloro-3-methylphenol	12.227	107	62647	30.940	ng/ul	91
36) 2-Methylnaphthalene	12.614	142	130747	28.128	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.832	142	128624	28.271	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.979	216	113082	28.988	ng/ul	98
40) Hexachlorocyclopentadiene	12.961	237	56365	20.856	ng/ul	92
41) 2,4,6-Trichlorophenol	13.208	196	61902	28.706	ng/ul	95
42) 2,4,5-Trichlorophenol	13.284	196	68166	30.000	ng/ul	98
43) 1,1'-Biphenyl	13.607	154	191084	26.732	ng/ul	99
44) 2-Chloronaphthalene	13.654	162	149129	26.575	ng/ul	99
45) 2-Nitroaniline	13.842	65	47605	28.536	ng/ul	96
47) Dimethylphthalate	14.213	163	222230	27.266	ng/ul	98
48) 2,6-Dinitrotoluene	14.330	165	43450	29.053	ng/ul	96
50) Acenaphthylene	14.495	152	248893	25.434	ng/ul	97
51) 3-Nitroaniline	14.659	138	36866	28.421	ng/ul	99
52) Acenaphthene	14.829	153	182244	28.402	ng/ul	99
53) 2,4-Dinitrophenol	14.859	184	27762	31.565	ng/ul#	87
55) 4-Nitrophenol	14.959	109	37261	33.289	ng/ul	87
56) Dibenzofuran	15.164	168	276577	28.239	ng/ul	99
57) 2,4-Dinitrotoluene	15.111	165	71163	31.275	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.382	232	77200	30.004	ng/ul	96
59) Diethylphthalate	15.564	149	229161	28.628	ng/ul	98
61) Fluorene	15.805	166	219975	28.633	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.799	204	142332	30.380	ng/ul	97
63) 4-Nitroaniline	15.811	138	47027	35.211	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.869	198	52160m	31.112	ng/ul	
67) N-Nitrosodiphenylamine	16.005	169	195961	27.062	ng/ul	97
68) 4-Bromophenyl-phenylether	16.686	248	108618	30.237	ng/ul	98
69) Hexachlorobenzene	16.810	284	130335	29.908	ng/ul	97
70) Atrazine	16.939	200	10815m	3.122	ng/ul	
71) Pentachlorophenol	17.144	266	66753	27.585	ng/ul	97
72) Phenanthrene	17.538	178	421841m	27.999	ng/ul	
74) Anthracene	17.632	178	423470	28.021	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.578	216	112836	27.855	ng/ul	96
76) Pentachlorobenzene	15.088	250	135457	29.434	ng/ul	98
77) Carbazole	17.891	167	350957	28.477	ng/ul	98
78) Di-n-butylphthalate	18.443	149	418882	29.385	ng/ul#	98
80) Fluoranthene	19.536	202	582208	27.246	ng/ul#	95
82) Pyrene	19.894	202	630323	28.260	ng/ul#	96
83) Butylbenzylphthalate	20.764	149	202392	27.478	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.633	252	221695	28.031	ng/ul	100
85) Benzo(a)anthracene	21.727	228	708554m	28.457	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.622	149	290924	26.706	ng/ul	99
87) Chrysene	21.792	228	646053	26.807	ng/ul	99
89) Di-n-octyl phthalate	22.844	149	481768	26.520	ng/ul	100
90) Benzo(b)fluoranthene	23.966	252	704677	28.710	ng/ul#	98
91) Benzo(k)fluoranthene	24.036	252	718474	28.607	ng/ul	97
93) Benzo(a)pyrene	24.847	252	649235	27.812	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.719	276	1059698	35.335	ng/ul	99
95) Dibenzo(a,h)anthracene	28.778	278	874377	36.140	ng/ul	100
96) Benzo(g,h,i)perylene	29.877	276	801430	33.107	ng/ul	97

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

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