Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112425\
Data File : BG064848.D
Acq On : 24 Nov 2025 14:04
Operator : RC/JU
Sample : SSTD00519
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 25 10:05:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 25 09:55:47 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005419

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/02/2025
Supervised By :mohammad ahmed 12/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	30565	20.000	ng/ul	0.00
20) Naphthalene-d8	10.973	136	122671	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.768	164	107614	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.495	188	282158	20.000	ng/ul	0.00
79) Chrysene-d12	21.743	240	371163	20.000	ng/ul	0.00
88) Perylene-d12	24.998	264	409810	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.488	96	1444	2.321	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.683	132	7468	3.785	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.310	128	4012	4.153	ng/ul	0.00
24) 2-Nitrophenol-d4	10.039	143	4739m	4.038	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.591	165	10111m	4.573	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.163	166	41604	4.417	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	42892	4.630	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.750	176	38519	4.959	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.595	188	68443	4.857	ng/ul	0.00
81) Pyrene-d10	19.863	212	92056	4.462	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.769	264	100754	4.744	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.517	88	1908	2.703	ng/uL#	72
12) 2-Chlorophenol	7.712	128	8679	4.226	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.952	70	7505	4.392	ng/ul	94
19) Hexachloroethane	9.257	117	4492	4.932	ng/ul#	83
22) Nitrobenzene	9.363	77	9888	4.120	ng/ul	92
23) Isophorone	9.886	82	20913	4.518	ng/ul	97
25) 2-Nitrophenol	10.080	139	5041	4.505	ng/ul#	85
26) 2,4-Dimethylphenol	10.133	107	11443	4.509	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.362	93	12157	5.062	ng/ul#	98
29) 2,4-Dichlorophenol	10.615	162	8742	4.294	ng/ul#	81
30) Naphthalene	11.026	128	35186	5.153	ng/ul	98
33) Hexachlorobutadiene	11.314	225	10441	5.532	ng/ul	92
35) 4-Chloro-3-methylphenol	12.236	107	9837	4.018	ng/ul	94
36) 2-Methylnaphthalene	12.618	142	25123	4.868	ng/ul	98
37) 1-Methylnaphthalene	12.835	142	25096	4.902	ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	12.982	216	19270	5.415	ng/ul#	98
41) 2,4,6-Trichlorophenol	13.206	196	9848	4.427	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.282	196	9430	3.985	ng/ul	90
43) 1,1'-Biphenyl	13.611	154	36781	4.635	ng/ul	95
44) 2-Chloronaphthalene	13.652	162	28683	4.903	ng/ul	96
45) 2-Nitroaniline	13.846	65	6931	3.406	ng/ul	94
47) Dimethylphthalate	14.210	163	42732	4.788	ng/ul	97
48) 2,6-Dinitrotoluene	14.322	165	6917	4.111	ng/ul	92
50) Acenaphthylene	14.492	152	49835	4.936	ng/ul	95

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52) Acenaphthene	14.833	153	33149	4.878	ng/ul	96
56) Dibenzofuran	15.162	168	50733	4.995	ng/ul	94
57) 2,4-Dinitrotoluene	15.109	165	10215	3.791	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.380	232	12121	4.766	ng/ul#	88
59) Diethylphthalate	15.562	149	41334	4.336	ng/ul	99
61) Fluorene	15.803	166	41933	4.967	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.791	204	24821	5.406	ng/ul	99
67) N-Nitrosodiphenylamine	16.002	169	35821	4.648	ng/ul	99
68) 4-Bromophenyl-phenylether	16.684	248	17423	5.144	ng/ul	89
69) Hexachlorobenzene	16.807	284	21760	5.606	ng/ul	95
72) Phenanthrene	17.536	178	77956	5.031	ng/ul	97
74) Anthracene	17.630	178	75087	4.768	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.576	216	20093	5.159	ng/ul	97
76) Pentachlorobenzene	15.086	250	22591	5.230	ng/ul	99
78) Di-n-butylphthalate	18.441	149	69314	4.192	ng/ul#	96
80) Fluoranthene	19.533	202	99317	4.249	ng/ul	98
82) Pyrene	19.892	202	106993	4.432	ng/ul	98
83) Butylbenzylphthalate	20.761	149	34606	3.790	ng/ul	94
85) Benzo(a)anthracene	21.725	228	118516	4.749	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.625	149	53638	4.065	ng/ul	100
87) Chrysene	21.790	228	120644	5.084	ng/ul	98
90) Benzo(b)fluoranthene	23.958	252	118531	4.760	ng/ul	99
91) Benzo(k)fluoranthene	24.028	252	126370m	5.085	ng/ul	
93) Benzo(a)pyrene	24.839	252	113032	4.886	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.705	276	143078m	4.790	ng/ul	
95) Dibenzo(a,h)anthracene	28.776	278	111715m	4.668	ng/ul	
96) Benzo(g,h,i)perylene	29.863	276	112622	4.654	ng/ul	99

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

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