Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070125\
Data File : BM050326.D
Acq On : 01 Jul 2025 12:24
Operator : RC/JU
Sample : SSTD08007
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080003

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/02/2025
Supervised By :Jagrut Upadhyay 07/02/2025

Quant Time: Jul 01 15:09:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM070125.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 01 14:57:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	350156	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1320829	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	852094	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1701562	20.000	ng/ul	0.00
79) Chrysene-d12	21.456	240	1885207	20.000	ng/ul	0.00
88) Perylene-d12	24.491	264	1839948	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	269951	31.822	ng/uL	0.00
4) Pyridine-d5	3.710	84	1954046	85.080	ng/ul	0.00
7) Phenol-d5	7.022	99	2208547	87.000	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	1354235	84.126	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	1777174	85.956	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	1700880	87.948	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	815815	89.324	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	862201	101.278	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	1858409	89.818	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	2392297	87.027	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	4984348	85.882	ng/ul	0.00
49) Acenaphthylene-d8	14.192	160	6089457	85.691	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	981895	94.134	ng/ul	0.01
60) Fluorene-d10	15.486	176	4557685	86.507	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.598	200	794275	108.074	ng/ul	0.01
73) Anthracene-d10	17.327	188	7259892	86.039	ng/ul	0.00
81) Pyrene-d10	19.609	212	8514447	84.546	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.291	264	8628097	92.494	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	285383	32.415	ng/uL	96
5) Pyridine	3.734	79	2024973	84.515	ng/ul	97
6) Benzaldehyde	7.004	77	872252	62.225	ng/ul	99
8) Phenol	7.051	94	2290717	86.114	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.293	93	1759807	84.230	ng/ul	99
12) 2-Chlorophenol	7.434	128	1819217	83.886	ng/ul	99
13) 2-Methylphenol	8.304	108	1674761	87.268	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	2752696	84.359	ng/ul	100
16) Acetophenone	8.693	105	2644321	85.293	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.687	70	1355961	84.299	ng/ul	99
18) 4-Methylphenol	8.634	108	1815019	87.061	ng/ul	98
19) Hexachloroethane	8.957	117	740982	82.863	ng/ul	98
22) Nitrobenzene	9.069	77	1995243	84.529	ng/ul	97
23) Isophorone	9.598	82	3696101	85.744	ng/ul	98
25) 2-Nitrophenol	9.781	139	966494	95.831	ng/ul	94
26) 2,4-Dimethylphenol	9.839	107	1879659	83.286	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.075	93	2270495	81.660	ng/ul	100
29) 2,4-Dichlorophenol	10.310	162	1796624	87.224	ng/ul	98
30) Naphthalene	10.722	128	5468762	80.504	ng/ul	100
32) 4-Chloroaniline	10.816	127	2391251	85.975	ng/ul	98
33) Hexachlorobutadiene	11.016	225	1206825	83.437	ng/ul	98
34) Caprolactam	11.581	113	562561m	93.993	ng/ul	
35) 4-Chloro-3-methylphenol	11.939	107	1695087	89.989	ng/ul	99
36) 2-Methylnaphthalene	12.328	142	3984446	84.344	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	3914472	83.690	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.692	216	2376309	85.731	ng/ul	98
40) Hexachlorocyclopentadiene	12.680	237	1333324	92.248	ng/ul	98
41) 2,4,6-Trichlorophenol	12.928	196	1475039	92.843	ng/ul	99
42) 2,4,5-Trichlorophenol	12.998	196	1632630	92.443	ng/ul	98
43) 1,1'-Biphenyl	13.333	154	5118216	81.538	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	4096051	81.479	ng/ul	100
45) 2-Nitroaniline	13.569	65	1135543	97.829	ng/ul	95
47) Dimethylphthalate	13.957	163	4896400	84.794	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	964858	102.298	ng/ul	93
50) Acenaphthylene	14.222	152	6644859	83.928	ng/ul	100
51) 3-Nitroaniline	14.386	138	916647	89.707	ng/ul#	94
52) Acenaphthene	14.563	153	4292587	83.797	ng/ul	99
53) 2,4-Dinitrophenol	14.592	184	471225	111.433	ng/ul	88
55) 4-Nitrophenol	14.692	109	727331	89.093	ng/ul	98
56) Dibenzofuran	14.892	168	6130960	83.119	ng/ul	98
57) 2,4-Dinitrotoluene	14.845	165	1461273	103.816	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.116	232	1346225	98.671	ng/ul	93
59) Diethylphthalate	15.321	149	4683061	86.299	ng/ul	98
61) Fluorene	15.539	166	5313412	86.739	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	2768033	88.402	ng/ul	95
63) 4-Nitroaniline	15.545	138	871747	86.306	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.610	198	874291	105.689	ng/ul#	90
67) N-Nitrosodiphenylamine	15.745	169	4390300	83.955	ng/ul	100
68) 4-Bromophenyl-phenylether	16.427	248	1631080	88.021	ng/ul	93
69) Hexachlorobenzene	16.539	284	1912759	85.934	ng/ul	99
70) Atrazine	16.692	200	1640623	91.734	ng/ul	99
71) Pentachlorophenol	16.880	266	1231354	97.357	ng/ul	99
72) Phenanthrene	17.274	178	8101885	83.649	ng/ul	99
74) Anthracene	17.363	178	8382145	85.518	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	2358295	81.870	ng/uL	99
76) Pentachlorobenzene	14.816	250	2260221	83.334	ng/uL	100
77) Carbazole	17.621	167	7439762	86.747	ng/ul	99
78) Di-n-butylphthalate	18.198	149	7906427	91.297	ng/ul	99
80) Fluoranthene	19.280	202	9763531	84.267	ng/ul	96
82) Pyrene	19.639	202	10302495	81.971	ng/ul	97
83) Butylbenzylphthalate	20.539	149	3478214	98.116	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.356	252	3024883	88.479	ng/ul#	99
85) Benzo(a)anthracene	21.439	228	10380079	84.387	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	5136848	92.615	ng/ul	96
87) Chrysene	21.498	228	9717479	83.574	ng/ul	98
89) Di-n-octyl phthalate	22.527	149	8498922	92.324	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	9952930	90.017	ng/ul	98
91) Benzo(k)fluoranthene	23.603	252	10129015	89.604	ng/ul	99
93) Benzo(a)pyrene	24.362	252	9569648	90.072	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.944	276	11921151	90.766	ng/ul	99
95) Dibenzo(a,h)anthracene	28.009	278	9857952	90.353	ng/ul	99
96) Benzo(g,h,i)perylene	29.021	276	9494545	89.879	ng/ul	98

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

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