Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070125\
Data File : BM050322.D
Acq On : 01 Jul 2025 09:44
Operator : RC/JU
Sample : SSTD00503
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005048

Quant Time: Jul 01 15:06:29 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	541119	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	1996609	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	1208976	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	2097821	20.000	ng/ul	0.00
79) Chrysene-d12	21.450	240	1654996	20.000	ng/ul	0.00
88) Perylene-d12	24.485	264	1708630	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	24461	1.866	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	7.398	132	139865	4.377	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.016	128	58352	4.227	ng/ul	0.00
24) 2-Nitrophenol-d4	9.739	143	48116	3.739	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	131691	4.210	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.898	166	366957	4.456	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	444514	4.409	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.480	176	325717	4.357	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.321	188	456888	4.392	ng/ul	0.00
81) Pyrene-d10	19.603	212	427532	4.836	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.274	264	353311	4.079	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	24562	1.805	ng/uL	99
12) 2-Chlorophenol	7.428	128	152209	4.542	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	111576	4.489	ng/ul	96
19) Hexachloroethane	8.957	117	64414	4.661	ng/ul	99
22) Nitrobenzene	9.057	77	156678	4.391	ng/ul	98
23) Isophorone	9.586	82	290152	4.453	ng/ul	99
25) 2-Nitrophenol	9.775	139	58583	3.843	ng/ul	95
26) 2,4-Dimethylphenol	9.828	107	154286	4.522	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	195690	4.656	ng/ul	98
29) 2,4-Dichlorophenol	10.304	162	135019	4.336	ng/ul	98
30) Naphthalene	10.716	128	485183	4.725	ng/ul	99
33) Hexachlorobutadiene	11.010	225	103108	4.716	ng/ul	97
35) 4-Chloro-3-methylphenol	11.927	107	116062	4.076	ng/ul	100
36) 2-Methylnaphthalene	12.322	142	325560	4.559	ng/ul	98
37) 1-Methylnaphthalene	12.539	142	323386	4.574	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.686	216	183225	4.659	ng/ul	97
41) 2,4,6-Trichlorophenol	12.922	196	90766	4.027	ng/ul	98
42) 2,4,5-Trichlorophenol	12.986	196	100507	4.011	ng/ul	97
43) 1,1'-Biphenyl	13.327	154	418292	4.697	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	335256	4.700	ng/ul	99
45) 2-Nitroaniline	13.557	65	59209	3.595	ng/ul	96
47) Dimethylphthalate	13.945	163	368477	4.497	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	45593	3.407	ng/ul	92
50) Acenaphthylene	14.216	152	506200	4.506	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.557	153	335606	4.618	ng/ul	97
56) Dibenzofuran	14.892	168	478487	4.572	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	63301	3.170	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.110	232	70042	3.618	ng/ul	97
59) Diethylphthalate	15.310	149	332675	4.321	ng/ul	99
61) Fluorene	15.539	166	375608	4.322	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.533	204	191752	4.316	ng/ul	97
67) N-Nitrosodiphenylamine	15.739	169	302742	4.696	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	105049	4.598	ng/ul	100
69) Hexachlorobenzene	16.539	284	127076	4.631	ng/ul	98
72) Phenanthrene	17.268	178	548721	4.595	ng/ul	99
74) Anthracene	17.357	178	537081	4.444	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	182392	5.136	ng/uL	99
76) Pentachlorobenzene	14.810	250	164785	4.928	ng/uL	98
78) Di-n-butylphthalate	18.198	149	410431	3.844	ng/ul	99
80) Fluoranthene	19.274	202	503749	4.953	ng/ul	99
82) Pyrene	19.633	202	553437	5.016	ng/ul	99
83) Butylbenzylphthalate	20.533	149	111354	3.578	ng/ul	98
85) Benzo(a)anthracene	21.433	228	484420	4.486	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	177574	3.647	ng/ul	100
87) Chrysene	21.492	228	466217	4.567	ng/ul	99
90) Benzo(b)fluoranthene	23.591	252	447130	4.355	ng/ul	99
91) Benzo(k)fluoranthene	23.591	252	447130	4.259	ng/ul	98
93) Benzo(a)pyrene	24.344	252	409758	4.153	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.921	276	517705	4.245	ng/ul	98
95) Dibenzo(a,h)anthracene	27.979	278	431918	4.263	ng/ul	98
96) Benzo(g,h,i)perylene	28.979	276	422447	4.306	ng/ul	97

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

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