Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070125\
Data File : BM050325.D
Acq On : 01 Jul 2025 11:44
Operator : RC/JU
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040002

Quant Time: Jul 01 15:04:33 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	348218	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1289725	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	824924	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.227	188	1641961	20.000	ng/ul	0.00
79) Chrysene-d12	21.450	240	1770174	20.000	ng/ul	0.00
88) Perylene-d12	24.491	264	1788550	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	137570	16.307	ng/uL	0.00
4) Pyridine-d5	3.710	84	993384	43.493	ng/ul	0.00
7) Phenol-d5	7.022	99	1094015	43.336	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.198	67	693151	43.299	ng/ul	0.00
11) 2-Chlorophenol-d4	7.398	132	880205	42.809	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	842262	43.794	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	392750	44.039	ng/ul	0.00
24) 2-Nitrophenol-d4	9.745	143	386450	46.489	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	884508	43.780	ng/ul	0.00
31) 4-Chloroaniline-d4	10.792	131	1175602	43.797	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2393598	42.601	ng/ul	0.00
49) Acenaphthylene-d8	14.186	160	2960960	43.039	ng/ul	0.00
54) 4-Nitrophenol-d4	14.668	143	465341	46.082	ng/ul	0.00
60) Fluorene-d10	15.486	176	2204525	43.221	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	311658	43.945	ng/ul	0.00
73) Anthracene-d10	17.327	188	3473486	42.659	ng/ul	0.00
81) Pyrene-d10	19.609	212	4002246	42.324	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.285	264	4039248	44.546	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	149193	17.040	ng/uL	94
5) Pyridine	3.734	79	1021311	42.863	ng/ul	98
6) Benzaldehyde	7.004	77	583657	41.869	ng/ul	99
8) Phenol	7.045	94	1147902	43.393	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.287	93	906069	43.609	ng/ul	99
12) 2-Chlorophenol	7.434	128	907123	42.061	ng/ul	99
13) 2-Methylphenol	8.304	108	832901	43.642	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.398	45	1398086	43.084	ng/ul	100
16) Acetophenone	8.687	105	1344929	43.622	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	683020	42.699	ng/ul	99
18) 4-Methylphenol	8.628	108	898717	43.349	ng/ul	98
19) Hexachloroethane	8.957	117	372209	41.855	ng/ul	99
22) Nitrobenzene	9.063	77	997087	43.260	ng/ul	100
23) Isophorone	9.592	82	1814215	43.102	ng/ul	100
25) 2-Nitrophenol	9.775	139	455396	46.243	ng/ul	97
26) 2,4-Dimethylphenol	9.834	107	938230	42.575	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.075	93	1136897	41.875	ng/ul	99
29) 2,4-Dichlorophenol	10.310	162	862993	42.908	ng/ul	98
30) Naphthalene	10.716	128	2764192	41.672	ng/ul	100
32) 4-Chloroaniline	10.816	127	1184254	43.606	ng/ul	99
33) Hexachlorobutadiene	11.010	225	590386	41.802	ng/ul	98
34) Caprolactam	11.563	113	268452	45.935	ng/ul	95
35) 4-Chloro-3-methylphenol	11.933	107	820243	44.596	ng/ul	99
36) 2-Methylnaphthalene	12.327	142	1957207	42.430	ng/ul	98

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Instrument :
BNA_M
ClientSampleId :
SSTD040002

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	1931944	42.300	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.692	216	1126747	41.989	ng/ul	98
40) Hexachlorocyclopentadiene	12.680	237	598637	42.782	ng/ul	99
41) 2,4,6-Trichlorophenol	12.927	196	688110	44.738	ng/ul	99
42) 2,4,5-Trichlorophenol	12.992	196	754018	44.100	ng/ul	97
43) 1,1'-Biphenyl	13.333	154	2519640	41.462	ng/ul	99
44) 2-Chloronaphthalene	13.374	162	2026377	41.637	ng/ul	100
45) 2-Nitroaniline	13.563	65	529377	47.109	ng/ul	98
47) Dimethylphthalate	13.951	163	2368643	42.370	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	434841	47.622	ng/ul	94
50) Acenaphthylene	14.216	152	3257035	42.493	ng/ul	100
51) 3-Nitroaniline	14.386	138	454750	45.969	ng/ul	92
52) Acenaphthene	14.557	153	2084821	42.039	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	174396	42.599	ng/ul	99
55) 4-Nitrophenol	14.680	109	357942	45.290	ng/ul	98
56) Dibenzofuran	14.892	168	3001248	42.029	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	661223	48.524	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.110	232	610779	46.241	ng/ul	98
59) Diethylphthalate	15.315	149	2277831	43.358	ng/ul	99
61) Fluorene	15.539	166	2546122	42.933	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.539	204	1311008	43.249	ng/ul	95
63) 4-Nitroaniline	15.539	138	459696	47.010	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.604	198	353473	44.281	ng/ul#	94
67) N-Nitrosodiphenylamine	15.745	169	2111394	41.842	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	751383	42.020	ng/ul	95
69) Hexachlorobenzene	16.539	284	892693	41.562	ng/ul	99
70) Atrazine	16.692	200	756101	43.811	ng/ul	99
71) Pentachlorophenol	16.874	266	537955	44.077	ng/ul	98
72) Phenanthrene	17.268	178	3921590	41.959	ng/ul	99
74) Anthracene	17.362	178	4027761	42.584	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.298	216	1116873	40.180	ng/uL	99
76) Pentachlorobenzene	14.816	250	1065862	40.725	ng/uL	98
77) Carbazole	17.621	167	3618411	43.722	ng/ul	100
78) Di-n-butylphthalate	18.198	149	3780010	45.233	ng/ul	99
80) Fluoranthene	19.274	202	4573436	42.037	ng/ul	99
82) Pyrene	19.639	202	4901678	41.534	ng/ul	97
83) Butylbenzylphthalate	20.533	149	1566181	47.051	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	1469374	45.773	ng/ul	99
85) Benzo(a)anthracene	21.433	228	4941590	42.784	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	2422749	46.520	ng/ul	99
87) Chrysene	21.497	228	4627825	42.388	ng/ul	100
89) Di-n-octyl phthalate	22.527	149	3836226	42.870	ng/ul	100
90) Benzo(b)fluoranthene	23.533	252	4660506	43.362	ng/ul	99
91) Benzo(k)fluoranthene	23.597	252	4866001	44.283	ng/ul	99
93) Benzo(a)pyrene	24.350	252	4560029	44.153	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.938	276	5626399	44.070	ng/ul	99
95) Dibenzo(a,h)anthracene	27.997	278	4672803	44.059	ng/ul	98
96) Benzo(g,h,i)perylene	29.003	276	4524089	44.057	ng/ul	98

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

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD040002

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