Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032025\
Data File : BM049726.D
Acq On : 20 Mar 2025 09:09
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020090

Quant Time: Mar 20 12:27:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 14 15:07:40 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	371691	20.000	ng/ul	0.00
20) Naphthalene-d8	10.598	136	1408578	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	937063	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	1708216	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	1306673	20.000	ng/ul	0.00
88) Perylene-d12	24.438	264	1106917	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	81615	9.045	ng/uL	0.00
4) Pyridine-d5	3.657	84	596499	21.493	ng/ul	0.00
7) Phenol-d5	6.969	99	611817	20.132	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	412918	21.781	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	486853	21.341	ng/ul	0.00
15) 4-Methylphenol-d8	8.510	113	473320	20.059	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	229389	21.402	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	237147	20.479	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	533636	21.290	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	661429	20.640	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1406592	20.363	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	1742515	21.657	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	211166	17.979	ng/ul	0.00
60) Fluorene-d10	15.433	176	1260191	20.472	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	171910	16.041	ng/ul	0.00
73) Anthracene-d10	17.280	188	1827975	21.083	ng/ul	0.00
81) Pyrene-d10	19.574	212	1828811	22.892	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.227	264	1261748	21.196	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	83608	8.688	ng/uL	94
5) Pyridine	3.681	79	599785	21.649	ng/ul	96
6) Benzaldehyde	6.940	77	415915	25.901	ng/ul	98
8) Phenol	6.992	94	642404	20.600	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.222	93	532861	21.315	ng/ul	98
12) 2-Chlorophenol	7.363	128	503429	21.387	ng/ul	98
13) 2-Methylphenol	8.245	108	457778	20.107	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	683104	21.932	ng/ul	99
16) Acetophenone	8.616	105	809536	21.084	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.610	70	421720	21.250	ng/ul	98
18) 4-Methylphenol	8.575	108	500413	19.933	ng/ul	99
19) Hexachloroethane	8.881	117	224129	21.915	ng/ul	99
22) Nitrobenzene	8.998	77	581649	21.715	ng/ul	98
23) Isophorone	9.528	82	1083949	20.811	ng/ul	100
25) 2-Nitrophenol	9.704	139	265216	20.662	ng/ul	97
26) 2,4-Dimethylphenol	9.775	107	504401	21.370	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.004	93	688290	21.451	ng/ul	99
29) 2,4-Dichlorophenol	10.245	162	533411	21.329	ng/ul	98
30) Naphthalene	10.645	128	1563564	21.362	ng/ul	100
32) 4-Chloroaniline	10.751	127	638400	21.020	ng/ul	100
33) Hexachlorobutadiene	10.939	225	381970	21.288	ng/ul	98
34) Caprolactam	11.522	113	126790	17.860	ng/ul	98
35) 4-Chloro-3-methylphenol	11.880	107	458276	20.407	ng/ul	97
36) 2-Methylnaphthalene	12.257	142	1148196	21.010	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1131575	20.984	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.627	216	734849	21.630	ng/ul	99
40) Hexachlorocyclopentadiene	12.616	237	395803	19.404	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	420529	21.250	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	448898	21.119	ng/ul	100
43) 1,1'-Biphenyl	13.274	154	1529044	21.993	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1228660	22.320	ng/ul	99
45) 2-Nitroaniline	13.516	65	282033	20.926	ng/ul	98
47) Dimethylphthalate	13.898	163	1394660	20.483	ng/ul	100
48) 2,6-Dinitrotoluene	14.010	165	259262	20.217	ng/ul	96
50) Acenaphthylene	14.163	152	1765862	21.533	ng/ul	99
51) 3-Nitroaniline	14.339	138	249733	20.470	ng/ul	100
52) Acenaphthene	14.504	153	1261315	21.370	ng/ul	100
53) 2,4-Dinitrophenol	14.545	184	115346	14.706	ng/ul	98
55) 4-Nitrophenol	14.657	109	171726	19.128	ng/ul	98
56) Dibenzofuran	14.839	168	1751853	21.063	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	366137	19.753	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.068	232	329776	18.850	ng/ul#	95
59) Diethylphthalate	15.268	149	1285244	19.617	ng/ul	100
61) Fluorene	15.486	166	1507086	20.892	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	812437	20.326	ng/ul	99
63) 4-Nitroaniline	15.498	138	248170	21.510	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.563	198	200988	16.910	ng/ul	97
67) N-Nitrosodiphenylamine	15.698	169	1140954	22.011	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	425777	20.849	ng/ul	97
69) Hexachlorobenzene	16.492	284	484027	20.993	ng/ul	100
70) Atrazine	16.651	200	391161	19.605	ng/ul	98
71) Pentachlorophenol	16.833	266	255146	17.157	ng/ul	98
72) Phenanthrene	17.227	178	2043998	21.146	ng/ul	99
74) Anthracene	17.315	178	2082559	21.545	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.239	216	701097	23.982	ng/uL	99
76) Pentachlorobenzene	14.763	250	666243	22.709	ng/uL	99
77) Carbazole	17.580	167	1710824	20.630	ng/ul	99
78) Di-n-butylphthalate	18.156	149	1848388	19.253	ng/ul	100
80) Fluoranthene	19.239	202	2119134	23.590	ng/ul	100
82) Pyrene	19.603	202	2283294	23.959	ng/ul	100
83) Butylbenzylphthalate	20.503	149	609096	19.986	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.327	252	482811	17.842	ng/ul	100
85) Benzo(a)anthracene	21.403	228	1936524	21.516	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	906796	20.155	ng/ul	99
87) Chrysene	21.468	228	1774218	21.912	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	1261866	17.318	ng/ul	100
90) Benzo(b)fluoranthene	23.486	252	1555831	20.457	ng/ul	100
91) Benzo(k)fluoranthene	23.544	252	1601512	21.034	ng/ul	99
93) Benzo(a)pyrene	24.297	252	1427607	21.222	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.832	276	1672395	23.139	ng/ul	98
95) Dibenzo(a,h)anthracene	27.891	278	1352890	23.064	ng/ul	99
96) Benzo(g,h,i)perylene	28.885	276	1281610	23.892	ng/ul	98

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

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