Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049432.D
Acq On : 24 Jan 2025 00:37
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020073

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

Quant Time: Jan 24 01:11:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	220804	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	793400	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	501828	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	998118	20.000	ng/ul	0.00
79) Chrysene-d12	21.133	240	991811	20.000	ng/ul	-0.01
88) Perylene-d12	23.915	264	960494	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	46852	8.779	ng/uL	0.00
4) Pyridine-d5	3.511	84	345344	20.328	ng/ul	0.00
7) Phenol-d5	6.710	99	350174	18.892	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.863	67	246273	19.954	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.057	132	281536	19.856	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	255997	17.811	ng/ul	-0.01
21) Nitrobenzene-d5	8.657	128	124983	20.658	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.375	143	131841	19.493	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	284174	20.590	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	333076	18.340	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	741863	19.862	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	889106	20.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	95722	15.476	ng/ul	-0.01
60) Fluorene-d10	15.157	176	668845	20.729	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	85318	13.413	ng/ul	0.00
73) Anthracene-d10	17.004	188	1029817	20.871	ng/ul	-0.01
81) Pyrene-d10	19.309	212	1171295	19.405	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	1045908	20.285	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	49880	8.532	ng/uL	95
5) Pyridine	3.528	79	359503	20.933	ng/ul	99
6) Benzaldehyde	6.675	77	229037	22.920	ng/ul	97
8) Phenol	6.734	94	365371	18.959	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.957	93	305363	19.458	ng/ul	97
12) 2-Chlorophenol	7.087	128	293794	19.934	ng/ul	98
13) 2-Methylphenol	7.963	108	257878	18.315	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.034	45	494583	21.029	ng/ul	97
16) Acetophenone	8.328	105	442728	18.860	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.322	70	232407	18.329	ng/ul	96
18) 4-Methylphenol	8.293	108	279341	18.108	ng/ul	97
19) Hexachloroethane	8.575	117	125954	19.889	ng/ul	100
22) Nitrobenzene	8.698	77	333942	21.305	ng/ul	99
23) Isophorone	9.228	82	581325	19.088	ng/ul	100
25) 2-Nitrophenol	9.404	139	147837	19.888	ng/ul	98
26) 2,4-Dimethylphenol	9.475	107	281108	20.206	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.710	93	370667	19.802	ng/ul	99
29) 2,4-Dichlorophenol	9.934	162	283781	20.638	ng/ul	96
30) Naphthalene	10.328	128	863546	20.509	ng/ul	99
32) 4-Chloroaniline	10.445	127	321138	18.544	ng/ul	100
33) Hexachlorobutadiene	10.616	225	214741	21.872	ng/ul	99
34) Caprolactam	11.216	113	79631m	19.453	ng/ul	
35) 4-Chloro-3-methylphenol	11.581	107	243927	18.973	ng/ul	98
36) 2-Methylnaphthalene	11.945	142	596760	19.806	ng/ul	99

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37) 1-Methylnaphthalene	12.169	142	591103	19.717	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.322	216	386299	22.239	ng/ul	99
40) Hexachlorocyclopentadiene	12.304	237	163935	15.730	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	226664	21.212	ng/ul	100
42) 2,4,5-Trichlorophenol	12.645	196	235528	20.565	ng/ul	98
43) 1,1'-Biphenyl	12.980	154	776531	21.135	ng/ul	98
44) 2-Chloronaphthalene	13.016	162	641504	21.832	ng/ul	98
45) 2-Nitroaniline	13.233	65	156821	20.226	ng/ul	99
47) Dimethylphthalate	13.628	163	732882	19.835	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	133032	19.299	ng/ul	97
50) Acenaphthylene	13.875	152	908134	20.775	ng/ul	99
51) 3-Nitroaniline	14.069	138	123214	18.218	ng/ul	99
52) Acenaphthene	14.222	153	640403	20.505	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	56518	13.092	ng/ul	97
55) 4-Nitrophenol	14.392	109	72922	15.988	ng/ul	96
56) Dibenzofuran	14.557	168	933170	21.040	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	199891	19.542	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.792	232	190487	19.689	ng/ul#	96
59) Diethylphthalate	15.004	149	692838	19.241	ng/ul	99
61) Fluorene	15.210	166	758073	20.920	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.216	204	414980	21.013	ng/ul	95
63) 4-Nitroaniline	15.239	138	115975	19.059	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.298	198	94157	13.575	ng/ul	97
67) N-Nitrosodiphenylamine	15.433	169	609438	20.579	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	235528	20.753	ng/ul	97
69) Hexachlorobenzene	16.216	284	267842	20.291	ng/ul	99
70) Atrazine	16.392	200	222617	18.386	ng/ul	98
71) Pentachlorophenol	16.563	266	143860	16.451	ng/ul	96
72) Phenanthrene	16.951	178	1144300	20.622	ng/ul	99
74) Anthracene	17.039	178	1163603	20.892	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.939	216	372316	22.320	ng/uL	98
76) Pentachlorobenzene	14.480	250	359232	21.575	ng/uL	98
77) Carbazole	17.316	167	995366	20.143	ng/ul	100
78) Di-n-butylphthalate	17.898	149	1160158	19.161	ng/ul	100
80) Fluoranthene	18.974	202	1327991	19.147	ng/ul	99
82) Pyrene	19.339	202	1421129	19.248	ng/ul	98
83) Butylbenzylphthalate	20.268	149	455775	17.437	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.056	252	285110	15.351	ng/ul	98
85) Benzo(a)anthracene	21.121	228	1408273	20.375	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	698951	17.980	ng/ul	99
87) Chrysene	21.174	228	1312532	20.801	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	1079978	15.435	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1258737	19.579	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	1326549	20.695	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1192920	20.543	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	1389076	20.853	ng/ul	100
95) Dibenzo(a,h)anthracene	27.050	278	1123144	20.701	ng/ul	99
96) Benzo(g,h,i)perylene	27.950	276	1064816	21.414	ng/ul	99

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

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