Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049395.D
Acq On : 22 Jan 2025 23:20
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020070

Quant Time: Jan 23 00:21:18 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	253882	20.000	ng/ul	0.00
20) Naphthalene-d8	10.280	136	936113	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	590985	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1124693	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1050765	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1006250	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	55200	8.996	ng/uL	0.00
4) Pyridine-d5	3.510	84	400055	20.480	ng/ul	0.00
7) Phenol-d5	6.710	99	406348	19.066	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	286707	20.203	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	322136	19.759	ng/ul	0.00
15) 4-Methylphenol-d8	8.233	113	298923	18.087	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	147478	20.660	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	155658	19.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	328646	20.182	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	397123	18.533	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	873398	19.856	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1041711	20.745	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	120798	16.584	ng/ul	-0.01
60) Fluorene-d10	15.157	176	779971	20.526	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	124642	17.389	ng/ul	0.00
73) Anthracene-d10	17.009	188	1158250	20.833	ng/ul	0.00
81) Pyrene-d10	19.315	212	1259515	19.696	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1103534	20.429	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.151	88	58178	8.654	ng/uL	96
5) Pyridine	3.528	79	411568	20.843	ng/ul	99
6) Benzaldehyde	6.675	77	267031	23.241	ng/ul	96
8) Phenol	6.739	94	423394	19.108	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.957	93	353103	19.569	ng/ul	96
12) 2-Chlorophenol	7.092	128	336766	19.872	ng/ul	98
13) 2-Methylphenol	7.969	108	299026	18.471	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.039	45	566400	20.944	ng/ul	99
16) Acetophenone	8.333	105	519111	19.232	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.328	70	278403	19.096	ng/ul	97
18) 4-Methylphenol	8.292	108	325471	18.350	ng/ul	96
19) Hexachloroethane	8.581	117	150842	20.716	ng/ul	98
22) Nitrobenzene	8.704	77	396271	21.428	ng/ul	98
23) Isophorone	9.228	82	693129	19.289	ng/ul	100
25) 2-Nitrophenol	9.410	139	174681	19.916	ng/ul	99
26) 2,4-Dimethylphenol	9.480	107	334987	20.408	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.716	93	438157	19.839	ng/ul	98
29) 2,4-Dichlorophenol	9.939	162	330306	20.359	ng/ul	98
30) Naphthalene	10.327	128	1021190	20.555	ng/ul	99
32) 4-Chloroaniline	10.445	127	386731	18.927	ng/ul	100
33) Hexachlorobutadiene	10.622	225	245981	21.235	ng/ul	98
34) Caprolactam	11.216	113	108261	22.415	ng/ul	98
35) 4-Chloro-3-methylphenol	11.586	107	286842	18.909	ng/ul	99
36) 2-Methylnaphthalene	11.951	142	704333	19.812	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.174	142	697268	19.712	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.327	216	439389	21.479	ng/ul	99
40) Hexachlorocyclopentadiene	12.310	237	245760	20.024	ng/ul	98
41) 2,4,6-Trichlorophenol	12.580	196	257677	20.476	ng/ul	99
42) 2,4,5-Trichlorophenol	12.651	196	276704	20.516	ng/ul	98
43) 1,1'-Biphenyl	12.986	154	917859	21.213	ng/ul	98
44) 2-Chloronaphthalene	13.021	162	737852	21.323	ng/ul	99
45) 2-Nitroaniline	13.233	65	190459	20.859	ng/ul	92
47) Dimethylphthalate	13.627	163	872565	20.053	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	159234	19.615	ng/ul	97
50) Acenaphthylene	13.874	152	1075012	20.882	ng/ul	100
51) 3-Nitroaniline	14.074	138	145209	18.231	ng/ul	96
52) Acenaphthene	14.221	153	766262	20.833	ng/ul	100
53) 2,4-Dinitrophenol	14.280	184	98173	19.310	ng/ul	98
55) 4-Nitrophenol	14.392	109	94970	17.681	ng/ul	96
56) Dibenzofuran	14.562	168	1090377	20.876	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	234451	19.462	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.792	232	219876	19.298	ng/ul	98
59) Diethylphthalate	15.004	149	834846	19.687	ng/ul	98
61) Fluorene	15.215	166	894695	20.965	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.215	204	480083	20.642	ng/ul	99
63) 4-Nitroaniline	15.239	138	133288	18.600	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.298	198	140948	18.035	ng/ul#	92
67) N-Nitrosodiphenylamine	15.433	169	709258	21.254	ng/ul	100
68) 4-Bromophenyl-phenylether	16.109	248	265623	20.770	ng/ul	99
69) Hexachlorobenzene	16.215	284	306231	20.589	ng/ul	97
70) Atrazine	16.398	200	267160	19.582	ng/ul	98
71) Pentachlorophenol	16.568	266	171750	17.430	ng/ul	97
72) Phenanthrene	16.951	178	1304488	20.863	ng/ul	99
74) Anthracene	17.045	178	1322019	21.065	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.945	216	424580	22.588	ng/uL	99
76) Pentachlorobenzene	14.480	250	406184	21.650	ng/uL	98
77) Carbazole	17.321	167	1108934	19.915	ng/ul	99
78) Di-n-butylphthalate	17.898	149	1351149	19.804	ng/ul	99
80) Fluoranthene	18.974	202	1457872	19.840	ng/ul	98
82) Pyrene	19.339	202	1567523	20.040	ng/ul	97
83) Butylbenzylphthalate	20.268	149	518732	18.732	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.056	252	348976	17.736	ng/ul	97
85) Benzo(a)anthracene	21.121	228	1503871	20.537	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	780215	18.944	ng/ul	99
87) Chrysene	21.180	228	1384808	20.715	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1200716	16.380	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	1348387	20.020	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	1369525	20.394	ng/ul	100
93) Benzo(a)pyrene	23.785	252	1248203	20.518	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	1533580	21.976	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	1242324	21.857	ng/ul	99
96) Benzo(g,h,i)perylene	27.950	276	1168604	22.432	ng/ul	99

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

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