Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049425.D
Acq On : 23 Jan 2025 19:25
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020072

Quant Time: Jan 23 22:12:09 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	295529	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	1088548	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	677143	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1279004	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1181266	20.000	ng/ul	0.00
88) Perylene-d12	23.921	264	1165184	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	59447	8.323	ng/uL	0.00
4) Pyridine-d5	3.510	84	452483	19.899	ng/ul	0.00
7) Phenol-d5	6.710	99	479548	19.330	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	335477	20.309	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	386115	20.346	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	355984	18.505	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	174038	20.966	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	187225	20.176	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	392435	20.725	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	460092	18.465	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1009341	20.027	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1206706	20.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	131415	15.746	ng/ul	-0.01
60) Fluorene-d10	15.157	176	880384	20.221	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	113483	13.922	ng/ul	0.00
73) Anthracene-d10	17.004	188	1327277	20.993	ng/ul	-0.01
81) Pyrene-d10	19.309	212	1432595	19.927	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	1273124	20.354	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	64512	8.244	ng/uL	99
5) Pyridine	3.528	79	462260	20.111	ng/ul	98
6) Benzaldehyde	6.675	77	311913	23.321	ng/ul	99
8) Phenol	6.740	94	499433	19.363	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.957	93	413144	19.670	ng/ul	97
12) 2-Chlorophenol	7.087	128	396926	20.122	ng/ul	99
13) 2-Methylphenol	7.963	108	355058	18.841	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.040	45	657682	20.893	ng/ul	99
16) Acetophenone	8.334	105	596127	18.973	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.322	70	322566	19.007	ng/ul	96
18) 4-Methylphenol	8.293	108	381745	18.489	ng/ul	96
19) Hexachloroethane	8.575	117	168519	19.882	ng/ul	99
22) Nitrobenzene	8.704	77	454319	21.126	ng/ul	100
23) Isophorone	9.228	82	820110	19.627	ng/ul	99
25) 2-Nitrophenol	9.404	139	207322	20.328	ng/ul	99
26) 2,4-Dimethylphenol	9.481	107	383542	20.094	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.710	93	511054	19.899	ng/ul	99
29) 2,4-Dichlorophenol	9.934	162	384212	20.366	ng/ul	99
30) Naphthalene	10.328	128	1185550	20.522	ng/ul	99
32) 4-Chloroaniline	10.445	127	442577	18.627	ng/ul	99
33) Hexachlorobutadiene	10.616	225	289645	21.503	ng/ul	98
34) Caprolactam	11.216	113	114421	20.373	ng/ul	97
35) 4-Chloro-3-methylphenol	11.586	107	336700	19.088	ng/ul	98
36) 2-Methylnaphthalene	11.945	142	821738	19.878	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.169	142	805283	19.578	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.322	216	514923	21.969	ng/ul	98
40) Hexachlorocyclopentadiene	12.304	237	212321	15.098	ng/ul	97
41) 2,4,6-Trichlorophenol	12.575	196	310475	21.533	ng/ul	98
42) 2,4,5-Trichlorophenol	12.651	196	322211	20.850	ng/ul	98
43) 1,1'-Biphenyl	12.980	154	1056589	21.312	ng/ul	98
44) 2-Chloronaphthalene	13.016	162	857560	21.629	ng/ul	98
45) 2-Nitroaniline	13.233	65	217172	20.758	ng/ul	100
47) Dimethylphthalate	13.627	163	994903	19.956	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	188811	20.299	ng/ul	96
50) Acenaphthylene	13.874	152	1227060	20.803	ng/ul	100
51) 3-Nitroaniline	14.069	138	171201	18.760	ng/ul	97
52) Acenaphthene	14.222	153	864665	20.517	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	84242	14.461	ng/ul	98
55) 4-Nitrophenol	14.398	109	99100	16.102	ng/ul	97
56) Dibenzofuran	14.557	168	1227325	20.508	ng/ul	99
57) 2,4-Dinitrotoluene	14.533	165	270820	19.621	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.792	232	252605	19.350	ng/ul	98
59) Diethylphthalate	15.004	149	944054	19.430	ng/ul	99
61) Fluorene	15.210	166	1003249	20.518	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.216	204	548360	20.578	ng/ul	97
63) 4-Nitroaniline	15.239	138	157319	19.160	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.298	198	126025	14.180	ng/ul	95
67) N-Nitrosodiphenylamine	15.433	169	800293	21.089	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	313967	21.588	ng/ul	97
69) Hexachlorobenzene	16.216	284	351921	20.806	ng/ul	99
70) Atrazine	16.398	200	296915	19.137	ng/ul	99
71) Pentachlorophenol	16.563	266	183510	16.376	ng/ul	98
72) Phenanthrene	16.951	178	1467647	20.641	ng/ul	100
74) Anthracene	17.039	178	1491153	20.893	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.939	216	503491	23.555	ng/uL	99
76) Pentachlorobenzene	14.480	250	473692	22.202	ng/uL	99
77) Carbazole	17.315	167	1259441	19.889	ng/ul	100
78) Di-n-butylphthalate	17.898	149	1525373	19.660	ng/ul	99
80) Fluoranthene	18.974	202	1659476	20.089	ng/ul	99
82) Pyrene	19.339	202	1776188	20.199	ng/ul	98
83) Butylbenzylphthalate	20.268	149	574493	18.453	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.056	252	367080	16.595	ng/ul	99
85) Benzo(a)anthracene	21.121	228	1682303	20.436	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	865660	18.697	ng/ul	99
87) Chrysene	21.180	228	1578034	20.998	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1379562	16.253	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	1542470	19.778	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	1571269	20.206	ng/ul	100
93) Benzo(a)pyrene	23.786	252	1433764	20.353	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.997	276	1720300	21.289	ng/ul	100
95) Dibenzo(a,h)anthracene	27.050	278	1386833	21.071	ng/ul	99
96) Benzo(g,h,i)perylene	27.956	276	1279677	21.214	ng/ul	98

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

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