Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122923\
Data File : BM043686.D
Acq On : 30 Dec 2023 01:08
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 30 01:45:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 29 22:31:57 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD020176

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/01/2024
Supervised By :mohammad ahmed 01/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	209617	20.000	ng/ul	0.00
20) Naphthalene-d8	10.769	136	915336	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	536114	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1082195	20.000	ng/ul	0.00
79) Chrysene-d12	21.521	240	958182	20.000	ng/ul	0.00
88) Perylene-d12	23.938	264	1064854	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	47283	7.331	ng/uL	0.00
4) Pyridine-d5	3.793	84	341948	18.421	ng/ul	0.00
7) Phenol-d5	7.122	99	436470	18.304	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	266660	17.657	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	334901	18.394	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	335515	18.132	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	163188	18.427	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	174181	19.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	311524	19.286	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	452973	19.061	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	853728	17.690	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	1043304	18.223	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	188433	20.629	ng/ul	0.01
60) Fluorene-d10	15.592	176	739465	18.529	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	120124	16.783	ng/ul	0.00
73) Anthracene-d10	17.445	188	1116626	18.398	ng/ul	0.00
81) Pyrene-d10	19.733	212	1191348	15.749	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	1170873	17.818	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	52102	7.312	ng/uL	96
5) Pyridine	3.810	79	357788	18.638	ng/ul	96
6) Benzaldehyde	7.104	77	215550m	19.064	ng/ul	
8) Phenol	7.151	94	429711	18.317	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.392	93	341918	17.953	ng/ul	100
12) 2-Chlorophenol	7.522	128	336494	18.143	ng/ul	99
13) 2-Methylphenol	8.410	108	319887	17.958	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.487	45	569866	17.818	ng/ul	98
16) Acetophenone	8.792	105	508916	17.964	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.781	70	280387	16.582	ng/ul	97
18) 4-Methylphenol	8.739	108	351693	18.217	ng/ul	97
19) Hexachloroethane	9.034	117	137935	17.638	ng/ul	93
22) Nitrobenzene	9.175	77	407349	18.586	ng/ul	99
23) Isophorone	9.704	82	752569	16.927	ng/ul	99
25) 2-Nitrophenol	9.886	139	188711	19.405	ng/ul	98
26) 2,4-Dimethylphenol	9.945	107	325578	18.793	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.186	93	461274	17.571	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	298434	19.038	ng/ul	98
30) Naphthalene	10.816	128	1072275	18.381	ng/ul	100
32) 4-Chloroaniline	10.939	127	437269	19.135	ng/ul	100
33) Hexachlorobutadiene	11.086	225	152045	19.023	ng/ul	98
34) Caprolactam	11.727	113	97498	19.463	ng/ul	99
35) 4-Chloro-3-methylphenol	12.057	107	337513	18.331	ng/ul	99
36) 2-Methylnaphthalene	12.427	142	716865	18.052	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	722601	18.041	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	297254	18.197	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	149120	14.549	ng/ul	98
41) 2,4,6-Trichlorophenol	13.033	196	217129	18.700	ng/ul	97
42) 2,4,5-Trichlorophenol	13.104	196	234850	19.049	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	908593	17.779	ng/ul	100
44) 2-Chloronaphthalene	13.474	162	719546	18.365	ng/ul	99
45) 2-Nitroaniline	13.692	65	249797	19.012	ng/ul	99
47) Dimethylphthalate	14.063	163	861610	18.078	ng/ul	99
48) 2,6-Dinitrotoluene	14.192	165	172088	18.676	ng/ul	99
50) Acenaphthylene	14.321	152	1190561	18.109	ng/ul	99
51) 3-Nitroaniline	14.516	138	207503	19.616	ng/ul	99
52) Acenaphthene	14.663	153	786539	18.152	ng/ul	99
53) 2,4-Dinitrophenol	14.721	184	113258	23.089	ng/ul	97
55) 4-Nitrophenol	14.821	109	145597	20.527	ng/ul	95
56) Dibenzofuran	14.998	168	1030588	18.416	ng/ul	97
57) 2,4-Dinitrotoluene	14.974	165	252448	19.392	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.221	232	179943	19.050	ng/ul	97
59) Diethylphthalate	15.421	149	892706	18.277	ng/ul	99
61) Fluorene	15.645	166	890060	18.618	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	386064	18.359	ng/ul	97
63) 4-Nitroaniline	15.674	138	227188	23.464	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.727	198	127679	16.709	ng/ul#	98
67) N-Nitrosodiphenylamine	15.857	169	719442	17.308	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	216854	16.914	ng/ul	99
69) Hexachlorobenzene	16.639	284	260138	17.710	ng/ul	98
70) Atrazine	16.815	200	182112	19.988	ng/ul	99
71) Pentachlorophenol	16.986	266	194297	21.880	ng/ul	98
72) Phenanthrene	17.386	178	1333347	18.179	ng/ul	100
74) Anthracene	17.480	178	1363643	18.422	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	300728	16.921	ng/uL	100
76) Pentachlorobenzene	14.910	250	293816	16.978	ng/uL	97
77) Carbazole	17.756	167	1300391	20.583	ng/ul	99
78) Di-n-butylphthalate	18.321	149	1575031	19.070	ng/ul	100
80) Fluoranthene	19.398	202	1435227	15.321	ng/ul	98
82) Pyrene	19.762	202	1525593	15.841	ng/ul	97
83) Butylbenzylphthalate	20.668	149	744822	17.888	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	453232	19.206	ng/ul	99
85) Benzo(a)anthracene	21.509	228	1471248	18.362	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	1140184	19.234	ng/ul	100
87) Chrysene	21.562	228	1335591	18.529	ng/ul	99
89) Di-n-octyl phthalate	22.386	149	1884030	18.496	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	1412721	17.312	ng/ul	99
91) Benzo(k)fluoranthene	23.250	252	1410441	17.722	ng/ul	100
93) Benzo(a)pyrene	23.833	252	1339946	17.998	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.450	276	1680591	18.905	ng/ul	99
95) Dibenzo(a,h)anthracene	26.479	278	1408738	19.138	ng/ul	98
96) Benzo(g,h,i)perylene	27.226	276	1316022	18.885	ng/ul	99

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

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