Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010924\
Data File : BM043800.D
Acq On : 09 Jan 2024 13:37
Operator : MA/JU
Sample : SSTD00581
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005048

Quant Time: Jan 09 16:02:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 15:57:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	243732	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	1138635	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.592	164	786091	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	1732518	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1745898	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	2109434	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	11955	1.682	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.481	132	76821	3.769	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.128	128	39093	3.683	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	42708	3.816	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	77004	3.891	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.016	166	293173	4.230	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	313352	3.848	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.592	176	246718	4.282	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.445	188	377877	3.993	ng/ul	0.00
81) Pyrene-d10	19.739	212	431799	3.293	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	475991	3.756	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	12703	1.609	ng/uL#	94
12) 2-Chlorophenol	7.510	128	81915	3.931	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.769	70	77660	4.090	ng/ul	97
19) Hexachloroethane	9.022	117	36811	4.185	ng/ul	97
22) Nitrobenzene	9.169	77	101647	3.868	ng/ul	100
23) Isophorone	9.698	82	212555	3.952	ng/ul	99
25) 2-Nitrophenol	9.881	139	44823	3.778	ng/ul	94
26) 2,4-Dimethylphenol	9.945	107	94558	4.433	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.181	93	130121	4.111	ng/ul	98
29) 2,4-Dichlorophenol	10.422	162	79052	4.090	ng/ul	95
30) Naphthalene	10.810	128	297550	4.213	ng/ul	97
33) Hexachlorobutadiene	11.075	225	47253	4.716	ng/ul	97
35) 4-Chloro-3-methylphenol	12.069	107	91639	4.079	ng/ul	99
36) 2-Methylnaphthalene	12.422	142	208167	4.305	ng/ul	99
37) 1-Methylnaphthalene	12.639	142	210712	4.327	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.786	216	96195	4.051	ng/ul	99
41) 2,4,6-Trichlorophenol	13.039	196	65731	3.893	ng/ul	96
42) 2,4,5-Trichlorophenol	13.116	196	70449	3.932	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	291021	4.001	ng/ul	98
44) 2-Chloronaphthalene	13.474	162	221909	3.974	ng/ul	99
45) 2-Nitroaniline	13.698	65	63843	3.433	ng/ul	97
47) Dimethylphthalate	14.063	163	293390	4.270	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	52555	3.933	ng/ul	95
50) Acenaphthylene	14.316	152	377944	4.027	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.657	153	256808	4.146	ng/ul	98
56) Dibenzofuran	14.998	168	350429	4.352	ng/ul	98
57) 2,4-Dinitrotoluene	14.986	165	75918	3.968	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	15.227	232	61232	4.379	ng/ul	96
59) Diethylphthalate	15.421	149	351205	4.951	ng/ul	99
61) Fluorene	15.645	166	297351	4.297	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	137498	4.449	ng/ul	99
67) N-Nitrosodiphenylamine	15.862	169	242746	3.787	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	82427	4.092	ng/ul	97
69) Hexachlorobenzene	16.639	284	98886	4.261	ng/ul	99
72) Phenanthrene	17.392	178	470560	4.119	ng/ul	99
74) Anthracene	17.480	178	475911	4.118	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	97070	3.553	ng/uL	99
76) Pentachlorobenzene	14.910	250	103026	3.850	ng/uL	99
78) Di-n-butylphthalate	18.321	149	758505	5.772	ng/ul	100
80) Fluoranthene	19.409	202	533120	3.283	ng/ul	99
82) Pyrene	19.768	202	566716	3.393	ng/ul	98
83) Butylbenzylphthalate	20.674	149	260299	3.549	ng/ul	99
85) Benzo(a)anthracene	21.521	228	587919	4.117	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	490110	4.605	ng/ul	98
87) Chrysene	21.574	228	531401	4.134	ng/ul	98
90) Benzo(b)fluoranthene	23.221	252	587555	3.715	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	597442	3.867	ng/ul	100
93) Benzo(a)pyrene	23.850	252	559683	3.881	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.485	276	712553	4.170	ng/ul	98
95) Dibenzo(a,h)anthracene	26.503	278	585650	4.136	ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	565148	4.250	ng/ul	100

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

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