Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044263.D
Acq On : 23 Feb 2024 10:17
Operator : MA/JU
Sample : SSTD00593
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005013

Quant Time: Feb 23 12:34:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 12:21:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	204942	20.000	ng/ul	0.00
20) Naphthalene-d8	10.692	136	823534	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.539	164	455131	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.292	188	930948	20.000	ng/ul	0.00
79) Chrysene-d12	21.497	240	841570	20.000	ng/ul	0.00
88) Perylene-d12	23.891	264	995732	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	13273	2.209	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	7.422	132	63951	4.397	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.057	128	27963	4.190	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	26380	3.985	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	49515	3.977	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.957	166	156988	4.500	ng/ul	0.00
49) Acenaphthylene-d8	14.233	160	175285	4.242	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.533	176	135718	4.467	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.392	188	200810	4.405	ng/ul	0.00
81) Pyrene-d10	19.692	212	218706	4.430	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	223939	4.314	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	13134	2.130	ng/uL#	93
12) 2-Chlorophenol	7.451	128	66395	4.346	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.704	70	50643	4.118	ng/ul	98
19) Hexachloroethane	8.963	117	29220	4.474	ng/ul	94
22) Nitrobenzene	9.104	77	71032	4.231	ng/ul	97
23) Isophorone	9.628	82	131642	4.147	ng/ul	98
25) 2-Nitrophenol	9.816	139	29918	4.038	ng/ul	93
26) 2,4-Dimethylphenol	9.869	107	61688	4.126	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.122	93	92095	4.619	ng/ul	99
29) 2,4-Dichlorophenol	10.339	162	53074	4.279	ng/ul	98
30) Naphthalene	10.745	128	219692	4.723	ng/ul	99
33) Hexachlorobutadiene	11.016	225	35123	4.531	ng/ul	96
35) 4-Chloro-3-methylphenol	11.986	107	49803	3.719	ng/ul	99
36) 2-Methylnaphthalene	12.357	142	134026	4.380	ng/ul	98
37) 1-Methylnaphthalene	12.575	142	134965	4.474	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.722	216	64301	4.548	ng/ul	98
41) 2,4,6-Trichlorophenol	12.969	196	34498	3.893	ng/ul	94
42) 2,4,5-Trichlorophenol	13.039	196	38088	3.977	ng/ul	97
43) 1,1'-Biphenyl	13.374	154	175154	4.699	ng/ul	97
44) 2-Chloronaphthalene	13.416	162	134982	4.577	ng/ul	98
45) 2-Nitroaniline	13.627	65	28464	3.326	ng/ul	93
47) Dimethylphthalate	14.010	163	160562	4.465	ng/ul	98
48) 2,6-Dinitrotoluene	14.127	165	25236	3.809	ng/ul	94
50) Acenaphthylene	14.257	152	214697	4.437	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.604	153	148041	4.659	ng/ul	95
56) Dibenzofuran	14.939	168	199760	4.657	ng/ul	99
57) 2,4-Dinitrotoluene	14.916	165	35499	3.682	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	30334	3.821	ng/ul#	92
59) Diethylphthalate	15.374	149	160888	4.413	ng/ul	99
61) Fluorene	15.592	166	161628	4.502	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.592	204	75925	4.418	ng/ul	99
67) N-Nitrosodiphenylamine	15.804	169	124256	4.300	ng/ul	99
68) 4-Bromophenyl-phenylether	16.486	248	41601	4.251	ng/ul	98
69) Hexachlorobenzene	16.586	284	48947	4.327	ng/ul	96
72) Phenanthrene	17.333	178	250021	4.597	ng/ul	99
74) Anthracene	17.427	178	242814	4.386	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.333	216	61628	4.582	ng/uL	95
76) Pentachlorobenzene	14.851	250	59357	4.604	ng/uL	94
78) Di-n-butylphthalate	18.280	149	254179	4.139	ng/ul	99
80) Fluoranthene	19.356	202	265975	4.503	ng/ul	97
82) Pyrene	19.721	202	288190	4.617	ng/ul	98
83) Butylbenzylphthalate	20.645	149	100635	3.949	ng/ul	96
85) Benzo(a)anthracene	21.480	228	283713	4.502	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.433	149	163779	4.219	ng/ul	99
87) Chrysene	21.533	228	272439	4.630	ng/ul	99
90) Benzo(b)fluoranthene	23.162	252	281974	4.358	ng/ul	98
91) Benzo(k)fluoranthene	23.209	252	290338	4.461	ng/ul	99
93) Benzo(a)pyrene	23.786	252	272315	4.394	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.368	276	327675	4.322	ng/ul	99
95) Dibenzo(a,h)anthracene	26.397	278	269488	4.262	ng/ul	99
96) Benzo(g,h,i)perylene	27.127	276	266567	4.378	ng/ul	99

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

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