Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120723\
Data File : BM043182.D
Acq On : 07 Dec 2023 15:41
Operator : MA/JU
Sample : SSTD00569
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD005034

Quant Time: Dec 08 00:20:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 00:03:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	374307	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1679457	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	1172725	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2575736	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	2454574	20.000	ng/ul	0.00
88) Perylene-d12	23.939	264	2638330	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	23368	2.450	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	7.540	132	154279	5.446	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.181	128	73093	5.106	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	62503	4.528	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	158974	5.167	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.051	166	559494	5.443	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	647231	5.442	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.622	176	489287	5.460	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.468	188	755722	5.423	ng/ul	0.00
81) Pyrene-d10	19.751	212	854160	5.439	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	807241	5.244	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	25697	2.453	ng/uL	92
12) 2-Chlorophenol	7.569	128	156250	5.437	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.822	70	140809	5.437	ng/ul	98
19) Hexachloroethane	9.087	117	69429	5.699	ng/ul	96
22) Nitrobenzene	9.222	77	185956	5.403	ng/ul	98
23) Isophorone	9.745	82	393898	5.371	ng/ul	98
25) 2-Nitrophenol	9.928	139	72124	4.767	ng/ul	98
26) 2,4-Dimethylphenol	9.987	107	143686	4.844	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.240	93	240839	5.586	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	157441	5.272	ng/ul	98
30) Naphthalene	10.869	128	587652	5.701	ng/ul	100
33) Hexachlorobutadiene	11.139	225	104504	5.616	ng/ul	98
35) 4-Chloro-3-methylphenol	12.092	107	164311	5.240	ng/ul	99
36) 2-Methylnaphthalene	12.469	142	418039	5.637	ng/ul	98
37) 1-Methylnaphthalene	12.686	142	427223	5.675	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.828	216	214282	5.401	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	120847	4.895	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	134491	5.005	ng/ul	97
43) 1,1'-Biphenyl	13.475	154	577759	5.569	ng/ul	100
44) 2-Chloronaphthalene	13.516	162	447168	5.561	ng/ul	98
45) 2-Nitroaniline	13.722	65	100944	4.750	ng/ul	100
47) Dimethylphthalate	14.098	163	549552	5.450	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	88195	4.748	ng/ul	99
50) Acenaphthylene	14.357	152	743039	5.528	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.698	153	493864	5.570	ng/ul	97
56) Dibenzofuran	15.027	168	682913	5.639	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	126010	4.751	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	109587	4.906	ng/ul	98
59) Diethylphthalate	15.457	149	545282	5.377	ng/ul	100
61) Fluorene	15.674	166	578624	5.519	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	282083	5.446	ng/ul	95
67) N-Nitrosodiphenylamine	15.886	169	470929	5.452	ng/ul	100
68) 4-Bromophenyl-phenylether	16.569	248	163914	5.263	ng/ul	96
69) Hexachlorobenzene	16.663	284	199490	5.398	ng/ul	97
72) Phenanthrene	17.416	178	911423	5.674	ng/ul	100
74) Anthracene	17.504	178	922391	5.701	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	218023	5.350	ng/uL	100
76) Pentachlorobenzene	14.939	250	222520	5.373	ng/uL	98
78) Di-n-butylphthalate	18.351	149	929364	5.376	ng/ul	100
80) Fluoranthene	19.421	202	1012934	5.622	ng/ul	99
82) Pyrene	19.780	202	1082512	5.776	ng/ul	98
83) Butylbenzylphthalate	20.686	149	338286	4.538	ng/ul	99
85) Benzo(a)anthracene	21.521	228	1083936	5.760	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	572973	4.869	ng/ul	99
87) Chrysene	21.574	228	980400	5.833	ng/ul	98
90) Benzo(b)fluoranthene	23.203	252	968731	5.146	ng/ul	99
91) Benzo(k)fluoranthene	23.250	252	1019267	5.437	ng/ul	99
93) Benzo(a)pyrene	23.827	252	928567	5.337	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.433	276	1063122	5.364	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	886067	5.347	ng/ul	99
96) Benzo(g,h,i)perylene	27.191	276	818339	5.480	ng/ul	100

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

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