Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059870.D
Acq On : 05 Jul 2024 19:56
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

Quant Time: Jul 06 03:07:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 06 02:59:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	157190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	46987	4.299	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.000%			
7) Chloroethane-d5	1.908	69	41686	3.964	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.200%			
11) 1,1-Dichloroethene-d2	2.557	65	18665	4.116	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.400%			
20) 2-Butanone-d5	4.615	46	102957	45.729	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.460%			
24) Chloroform-d	5.052	84	102210	4.556	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
26) 1,2-Dichloroethane-d4	5.692	65	47224	4.370	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.400%			
32) Benzene-d6	5.718	84	196442	4.482	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
36) 1,2-Dichloropropane-d6	6.682	67	61267	4.562	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.200%			
41) Toluene-d8	7.891	98	182741	4.485	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.600%			
43) trans-1,3-Dichloroprop...	8.174	79	20679	4.917	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.400%			
46) 2-Hexanone-d5	8.624	63	86638	49.580	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.160%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50078	4.513	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	66812	4.558	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	61211	4.596	ug/L	98
3) Chloromethane	1.515	50	69152	4.824	ug/L	100
5) Vinyl chloride	1.599	62	79433	5.016	ug/L	99
6) Bromomethane	1.850	94	46897	4.259	ug/L	93
8) Chloroethane	1.927	64	48589	5.092	ug/L	98
9) Trichlorofluoromethane	2.129	101	96826	5.079	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	60937	5.050	ug/L	94
12) 1,1-Dichloroethene	2.573	96	56317	5.051	ug/L	77
13) Acetone	2.625	43	67863	46.466	ug/L	93
14) Carbon disulfide	2.785	76	175863	4.728	ug/L	99
15) Methyl Acetate	2.946	43	19608	5.088	ug/L	94
16) Methylene chloride	3.036	84	66090	5.003	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	120172	5.002	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	58233	5.023	ug/L	91
19) 1,1-Dichloroethane	3.859	63	109654	5.129	ug/L	99
21) 2-Butanone	4.695	43	113486	48.445	ug/L	89
22) cis-1,2-Dichloroethene	4.657	96	66679	5.218	ug/L	95
23) Bromochloromethane	4.965	128	31299	5.372	ug/L	81
25) Chloroform	5.078	83	117908	5.236	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059870.D
Acq On : 05 Jul 2024 19:56
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

Quant Time: Jul 06 03:07:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 06 02:59:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67856	4.972	ug/L		97
29) 1,1,1-Trichloroethane	5.306	97	95421	5.188	ug/L		96
30) Cyclohexane	5.380	56	79619	4.904	ug/L		93
31) Carbon tetrachloride	5.515	117	81159	5.271	ug/L		99
33) Benzene	5.766	78	258163	5.338	ug/L		100
34) Trichloroethene	6.534	95	66844	5.104	ug/L		98
35) Methylcyclohexane	6.756	83	90270	4.844	ug/L		95
37) 1,2-Dichloropropane	6.782	63	68248	5.453	ug/L		98
38) Bromodichloromethane	7.097	83	81897	5.242	ug/L	#	93
39) cis-1,3-Dichloropropene	7.599	75	84621	4.944	ug/L		100
40) 4-Methyl-2-pentanone	7.782	43	288620	49.768	ug/L	#	95
42) Toluene	7.962	91	282448	5.516	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	70018	5.097	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	49287	5.344	ug/L		97
47) Tetrachloroethene	8.547	164	53318	5.246	ug/L		97
48) 2-Hexanone	8.676	43	206554	49.905	ug/L	#	92
49) Dibromochloromethane	8.801	129	53893	5.275	ug/L		97
50) 1,2-Dibromoethane	8.917	107	44668	5.244	ug/L		99
51) Chlorobenzene	9.441	112	173521	5.343	ug/L		95
52) Ethylbenzene	9.563	91	273689	5.211	ug/L		98
53) m,p-Xylene	9.689	106	109454	5.426	ug/L		94
54) o-Xylene	10.094	106	103103	5.385	ug/L		99
55) Styrene	10.107	104	181777	5.578	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.775	83	60105	5.372	ug/L		98
59) Bromoform	10.283	173	32182	5.106	ug/L	#	98
60) Isopropylbenzene	10.480	105	269138	5.290	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	38794	5.097	ug/L		96
62) 1,3,5-Trimethylbenzene	11.081	105	204123	5.064	ug/L		98
63) 1,2,4-Trimethylbenzene	11.463	105	200201	5.195	ug/L		95
64) 1,3-Dichlorobenzene	11.740	146	141508	5.469	ug/L		100
65) 1,4-Dichlorobenzene	11.830	146	140680	5.282	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	130285	5.350	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.991	75	7608	5.125	ug/L	#	84
69) 1,3,5-Trichlorobenzene	13.213	180	101838	5.317	ug/L		97
70) 1,2,4-trichlorobenzene	13.833	180	80379	5.470	ug/L		98
71) Naphthalene	14.081	128	112033	5.327	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	74969	5.495	ug/L		98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070524\
Data File : VU059870.D
Acq On : 05 Jul 2024 19:56
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005138

Quant Time: Jul 06 03:07:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 06 02:59:52 2024
Response via : Initial Calibration