Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
Data File : VU063083.D
Acq On : 29 Jan 2025 09:02
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

Quant Time: Jan 30 07:29:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	96647	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	94545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	11343	3.265	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 65.200%			
7) Chloroethane-d5	1.904	69	10286	3.899	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.000%			
11) 1,1-Dichloroethene-d2	2.557	65	8669	4.172	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.400%			
20) 2-Butanone-d5	4.608	46	42297	41.947	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.900%			
24) Chloroform-d	5.049	84	59860	4.337	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.800%			
26) 1,2-Dichloroethane-d4	5.689	65	34304	4.354	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.000%			
32) Benzene-d6	5.714	84	85996	3.980	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.600%			
36) 1,2-Dichloropropane-d6	6.679	67	22246	4.044	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.800%			
41) Toluene-d8	7.888	98	91385	4.278	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.600%			
43) trans-1,3-Dichloroprop...	8.171	79	14155	4.156	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.200%			
46) 2-Hexanone-d5	8.621	63	40250	47.367	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.740%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23791	4.555	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.000%			
66) 1,2-Dichlorobenzene-d4	12.184	152	44052	4.357	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	38923	4.496	ug/L	98
3) Chloromethane	1.515	50	15581	3.742	ug/L	99
5) Vinyl chloride	1.599	62	18210	3.917	ug/L	94
6) Bromomethane	1.846	94	8989	4.041	ug/L	99
8) Chloroethane	1.924	64	11909	5.073	ug/L	90
9) Trichlorofluoromethane	2.129	101	54947	4.675	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	28484	4.925	ug/L #	87
12) 1,1-Dichloroethene	2.570	96	25052	4.990	ug/L	86
13) Acetone	2.612	43	30191	46.305	ug/L	94
14) Carbon disulfide	2.782	76	62794	4.882	ug/L	98
15) Methyl Acetate	2.940	43	6225	4.971	ug/L	95
16) Methylene chloride	3.033	84	25658	4.848	ug/L	87
17) Methyl tert-butyl Ether	3.348	73	73571	4.892	ug/L	95
18) trans-1,2-Dichloroethene	3.345	96	26436	4.920	ug/L	88
19) 1,1-Dichloroethane	3.856	63	43416	4.662	ug/L	94
21) 2-Butanone	4.685	43	39213	44.096	ug/L	95
22) cis-1,2-Dichloroethene	4.653	96	31206	4.860	ug/L	89
23) Bromochloromethane	4.959	128	16867	5.234	ug/L #	79
25) Chloroform	5.075	83	63890	4.748	ug/L	99

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Data File : VU063083.D
Acq On : 29 Jan 2025 09:02
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

Quant Time: Jan 30 07:29:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 08:16:38 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.782	62	44554	4.724	ug/L		96
29) 1,1,1-Trichloroethane	5.303	97	69623	4.749	ug/L		97
30) Cyclohexane	5.377	56	29472	4.316	ug/L	#	79
31) Carbon tetrachloride	5.512	117	65503	4.641	ug/L		100
33) Benzene	5.759	78	100905	4.405	ug/L		100
34) Trichloroethene	6.531	95	34667	4.454	ug/L		91
35) Methylcyclohexane	6.753	83	41729	4.255	ug/L		93
37) 1,2-Dichloropropane	6.779	63	21449	4.164	ug/L		97
38) Bromodichloromethane	7.094	83	47224	4.575	ug/L		96
39) cis-1,3-Dichloropropene	7.595	75	43406	4.475	ug/L		97
40) 4-Methyl-2-pentanone	7.775	43	113358	45.613	ug/L	#	96
42) Toluene	7.959	91	128376	4.715	ug/L		100
44) trans-1,3-Dichloropropene	8.200	75	40985	4.587	ug/L		98
45) 1,1,2-Trichloroethane	8.390	97	24125	4.976	ug/L		92
47) Tetrachloroethene	8.544	164	34532	5.101	ug/L		91
48) 2-Hexanone	8.672	43	79021	45.841	ug/L	#	95
49) Dibromochloromethane	8.798	129	36788	4.862	ug/L		95
50) 1,2-Dibromoethane	8.914	107	25226	5.150	ug/L	#	100
51) Chlorobenzene	9.434	112	92762	4.914	ug/L		93
52) Ethylbenzene	9.560	91	158770	5.004	ug/L		99
53) m,p-Xylene	9.685	106	59679	4.870	ug/L		98
54) o-Xylene	10.090	106	57163	5.092	ug/L		99
55) Styrene	10.103	104	100784	5.311	ug/L		100
57) 1,1,2,2-Tetrachloroethane	10.769	83	25706	4.739	ug/L	#	91
59) Bromoform	10.280	173	26020	4.848	ug/L		98
60) Isopropylbenzene	10.473	105	169940	4.748	ug/L		98
61) 1,2,3-Trichloropropane	10.811	75	19585	4.309	ug/L		94
62) 1,3,5-Trimethylbenzene	11.078	105	149834	4.775	ug/L		97
63) 1,2,4-Trimethylbenzene	11.457	105	148302	4.997	ug/L		99
64) 1,3-Dichlorobenzene	11.737	146	87859	4.835	ug/L		99
65) 1,4-Dichlorobenzene	11.827	146	86259	4.732	ug/L		98
67) 1,2-Dichlorobenzene	12.203	146	81712	4.780	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.987	75	5750	4.784	ug/L		87
69) 1,3,5-Trichlorobenzene	13.209	180	69560	4.792	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	51158	4.503	ug/L		97
71) Naphthalene	14.081	128	56726	3.891	ug/L		98
72) 1,2,3-Trichlorobenzene	14.322	180	41586	4.237	ug/L		96

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

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Acq On : 29 Jan 2025 09:02
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005125

Quant Time: Jan 30 07:29:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
Quant Title : TRACE VOA SFAM1.0
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