Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
Data File : VV030458.D
Acq On : 10 Apr 2023 10:27
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

Quant Time: Apr 11 06:20:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 10 03:52:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	97536	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	94933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	55762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27659	4.282	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.600%			
7) Chloroethane-d5	1.536	69	27888	4.449	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.000%			
11) 1,1-Dichloroethene-d2	2.066	63	73913	4.822	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.400%			
20) 2-Butanone-d5	3.828	46	76644	45.903	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.800%			
24) Chloroform-d	4.259	84	79939	5.113	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.200%			
26) 1,2-Dichloroethane-d4	4.953	65	39468	5.350	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.000%			
32) Benzene-d6	4.966	84	137024	5.122	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.400%			
36) 1,2-Dichloropropane-d6	5.995	67	42258	5.046	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.000%			
41) Toluene-d8	7.249	98	134655	5.481	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.600%			
43) trans-1,3-Dichloroprop...	7.561	79	13564	4.301	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.000%			
46) 2-Hexanone-d5	8.034	63	61327	48.399	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 96.800%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31655	4.796	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.000%			
66) 1,2-Dichlorobenzene-d4	11.567	152	49263	4.943	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	50864	4.102	ug/L	97
3) Chloromethane	1.217	50	61604	3.937	ug/L	98
5) Vinyl chloride	1.285	62	50278	4.408	ug/L	97
6) Bromomethane	1.491	94	15536	4.775	ug/L	98
8) Chloroethane	1.552	64	30004	4.592	ug/L	98
9) Trichlorofluoromethane	1.719	101	82306	4.950	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	40691	4.434	ug/L	98
12) 1,1-Dichloroethene	2.072	96	37966	4.659	ug/L	97
13) Acetone	2.159	43	57179	35.812	ug/L	81
14) Carbon disulfide	2.246	76	116356	4.334	ug/L	100
15) Methyl Acetate	2.391	43	12890	4.518	ug/L	97
16) Methylene chloride	2.452	84	42718	4.431	ug/L	99
17) Methyl tert-butyl Ether	2.712	73	78088	4.524	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	37492	4.367	ug/L	99
19) 1,1-Dichloroethane	3.117	63	77332	4.646	ug/L	99
21) 2-Butanone	3.908	43	75037	37.339	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	38974	4.523	ug/L	97
23) Bromochloromethane	4.156	128	18764	4.663	ug/L	94
25) Chloroform	4.285	83	82356	4.896	ug/L	97

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Acq On : 10 Apr 2023 10:27
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

Quant Time: Apr 11 06:20:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 10 03:52:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	50643	4.980 ug/L	96
29) 1,1,1-Trichloroethane	4.519	97	76636	5.023 ug/L	98
30) Cyclohexane	4.590	56	58608	4.216 ug/L	97
31) Carbon tetrachloride	4.741	117	69307	5.006 ug/L	99
33) Benzene	5.018	78	160169	4.750 ug/L	100
34) Trichloroethene	5.841	95	41951	4.613 ug/L	98
35) Methylcyclohexane	6.056	83	59385	4.160 ug/L	96
37) 1,2-Dichloropropane	6.101	63	42210	4.876 ug/L	99
38) Bromodichloromethane	6.439	83	57826	5.101 ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	45991	3.778 ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	210500	46.148 ug/L	99
42) Toluene	7.320	91	180847	5.036 ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	40774	3.937 ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	28811	4.727 ug/L	98
47) Tetrachloroethene	7.911	164	36127	4.501 ug/L	97
48) 2-Hexanone	8.085	43	158931	46.523 ug/L	100
49) Dibromochloromethane	8.185	129	36645	5.051 ug/L	94
50) 1,2-Dibromoethane	8.288	107	26130	4.712 ug/L	96
51) Chlorobenzene	8.821	112	108670	4.726 ug/L	97
52) Ethylbenzene	8.953	91	176740	4.498 ug/L	100
53) m,p-Xylene	9.079	106	70067	4.658 ug/L	99
54) o-Xylene	9.487	106	66936	4.651 ug/L	97
55) Styrene	9.503	104	115850	4.739 ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	32481	4.490 ug/L	96
59) Bromoform	9.673	173	21858	4.850 ug/L	99
60) Isopropylbenzene	9.873	105	181034	4.402 ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	22070	4.427 ug/L	94
62) 1,3,5-Trimethylbenzene	10.484	105	147136	4.385 ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	151486	4.430 ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	96207	4.692 ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	94692	4.584 ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	86485	4.680 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	5560	4.484 ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	70236	4.448 ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	53175	4.362 ug/L	98
71) Naphthalene	13.448	128	70557	4.053 ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	45862	4.343 ug/L	99

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

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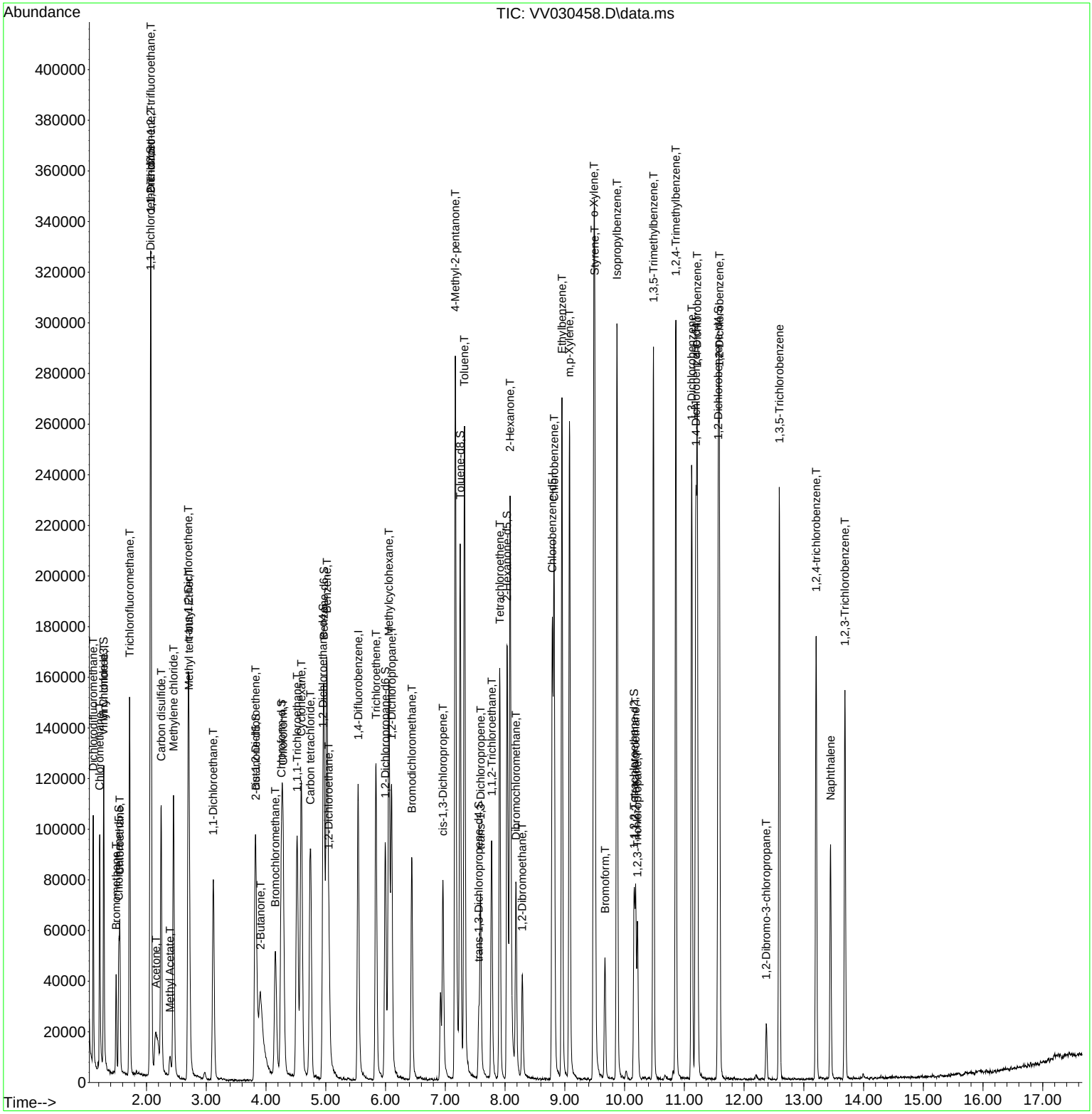
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005326

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