

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036505.D
 Acq On : 12 Jul 2023 10:07
 Operator : JC/MD
 Sample : VSTD01045
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010645

Quant Time: Jul 13 01:03:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:02:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	365640	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	333742	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	162922	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	22853	8.762	ug/L	0.00
7) Chloroethane-d5	1.666	69	25843	9.018	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	9248	8.310	ug/L	0.00
21) 2-Butanone-d5	4.459	46	32200	17.678	ug/L	0.00
24) Chloroform-d	5.056	84	42120	8.893	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	29943	9.256	ug/L	0.00
32) Benzene-d6	5.977	84	84440	8.937	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	27171	9.072	ug/L	0.00
41) Toluene-d8	8.647	98	81354	9.020	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	12284	8.615	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	22893	17.379	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	35561	9.025	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	28194	9.110	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	21514	8.436	ug/L	97
3) Chloromethane	1.294	50	28310	9.389	ug/L	98
5) Vinyl chloride	1.374	62	27469	8.783	ug/L	98
6) Bromomethane	1.611	94	25289	8.558	ug/L	95
8) Chloroethane	1.691	64	20567	8.981	ug/L	98
9) Trichlorofluoromethane	1.886	101	43046	8.698	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	19481	8.311	ug/L	95
12) 1,1-Dichloroethene	2.319	96	19544	8.527	ug/L	76
13) Acetone	2.386	43	27137	19.644	ug/L	100
14) Carbon disulfide	2.514	76	51931	8.447	ug/L	97
15) Methyl Acetate	2.703	43	25347	9.229	ug/L	98
16) Methylene chloride	2.788	84	23842	9.427	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	21079	9.130	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	74049	9.225	ug/L	99
19) 1,1-Dichloroethane	3.611	63	42676	9.448	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	24246	8.986	ug/L	94
22) 2-Butanone	4.562	43	38246	19.037	ug/L	97
23) Bromochloromethane	4.904	128	12682	9.403	ug/L	94
25) Chloroform	5.093	83	43172	9.101	ug/L	98
27) 1,2-Dichloroethane	6.092	62	34799	9.274	ug/L	100
29) Cyclohexane	5.477	56	31715	8.594	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	35289	9.098	ug/L	98
31) Carbon tetrachloride	5.672	117	26891	8.273	ug/L	96
33) Benzene	6.044	78	90928	9.331	ug/L	100
34) Trichloroethene	7.129	95	23401	8.804	ug/L	95
35) Methylcyclohexane	7.379	83	30750	7.944	ug/L	99
37) 1,2-Dichloropropane	7.427	63	24596	9.180	ug/L	99
38) Bromodichloromethane	7.824	83	29909	8.952	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	36957	8.754	ug/L	92
40) 4-Methyl-2-pentanone	8.574	43	69325	18.564	ug/L	98
42) Toluene	8.720	91	95848	9.245	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	33062	8.505	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036505.D
 Acq On : 12 Jul 2023 10:07
 Operator : JC/MD
 Sample : VSTD01045
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010645

Quant Time: Jul 13 01:03:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:02:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	24031	9.437	ug/L	98
46) Tetrachloroethene	9.275	164	16785	8.888	ug/L	93
48) 2-Hexanone	9.433	43	54583	18.703	ug/L	99
49) Dibromochloromethane	9.519	129	21950	8.586	ug/L	96
50) 1,2-Dibromoethane	9.610	107	24649	9.030	ug/L	88
51) Chlorobenzene	10.079	112	61687	9.151	ug/L	98
52) Ethylbenzene	10.195	91	104249	9.137	ug/L	97
53) m,p-Xylene	10.299	106	39503	9.074	ug/L	99
54) o-Xylene	10.640	106	39955	9.254	ug/L	99
55) Styrene	10.653	104	64851	9.010	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	38154	9.646	ug/L	100
59) Bromoform	10.799	173	15528	8.720	ug/L	98
60) Isopropylbenzene	10.963	105	100454	9.172	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	29724	9.664	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	82235	8.984	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	84227	9.174	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	44774	9.138	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	45343	9.166	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	45341	9.327	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	7053	8.606	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.115	180	28096	8.642	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	26639	8.685	ug/L	99
71) Naphthalene	13.774	128	94793	9.058	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	26452	8.851	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
Data File : VX036505.D
Acq On : 12 Jul 2023 10:07
Operator : JC/MD
Sample : VSTD01045
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD010645

Quant Time: Jul 13 01:03:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 13 01:02:46 2023
Response via : Initial Calibration

