

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062724\
 Data File : VU059553.D
 Acq On : 27 Jun 2024 11:18
 Operator : MD/SY
 Sample : P3062-02MS 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GN8MS

Quant Time: Jun 28 04:07:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 27 04:10:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	207414	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	211757	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112654	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	57097	45.976	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.960%
7) Chloroethane-d5	1.908	69	50490	47.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.920%
11) 1,1-Dichloroethene-d2	2.563	63	111069	45.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.620%
21) 2-Butanone-d5	4.608	46	97365	83.179	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.180%
24) Chloroform-d	5.055	84	122373	49.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.692	65	72937	48.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
32) Benzene-d6	5.721	84	238234	49.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
36) 1,2-Dichloropropane-d6	6.682	67	75488	45.047	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.100%
41) Toluene-d8	7.891	98	220177	53.366	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.740%
43) trans-1,3-Dichloroprop...	8.174	79	34094	50.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.660%
47) 2-Hexanone-d5	8.624	63	64421	83.132	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.130%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	123530	43.556	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.120%
66) 1,2-Dichlorobenzene-d4	12.187	152	85207	50.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	87677	41.720	ug/L	99
3) Chloromethane	1.518	50	94464	38.893	ug/L	98
5) Vinyl chloride	1.602	62	105859	44.355	ug/L	98
6) Bromomethane	1.850	94	71537	37.466	ug/L	99
8) Chloroethane	1.927	64	66529	44.702	ug/L	97
9) Trichlorofluoromethane	2.133	101	139440	50.208	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	87083	53.893	ug/L	90
12) 1,1-Dichloroethene	2.576	96	77984	53.210	ug/L	78
13) Acetone	2.612	43	85677	62.271	ug/L	94
14) Carbon disulfide	2.789	76	221213	44.817	ug/L	98
15) Methyl Acetate	2.936	43	96272	44.173	ug/L	91
16) Methylene chloride	3.039	84	97917	49.377	ug/L	88
17) trans-1,2-Dichloroethene	3.345	96	83310	52.666	ug/L	90
18) Methyl tert-butyl Ether	3.351	73	250327	48.718	ug/L	96
19) 1,1-Dichloroethane	3.859	63	159702	47.101	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96	95901	53.203	ug/L	89
22) 2-Butanone	4.689	43	134776	80.910	ug/L	91
23) Bromochloromethane	4.965	128	53169	58.232	ug/L	81
25) Chloroform	5.078	83	168851	51.430	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	128700	46.403	ug/L	98
29) Cyclohexane	5.380	56	114563	40.524	ug/L	92
30) 1,1,1-Trichloroethane	5.306	97	135416	49.184	ug/L	95
31) Carbon tetrachloride	5.515	117	114542	51.218	ug/L	99
33) Benzene	5.766	78	366903	47.984	ug/L	100
34) Trichloroethene	6.534	95	93671	50.030	ug/L	93
35) Methylcyclohexane	6.756	83	128743	46.767	ug/L	93
37) 1,2-Dichloropropane	6.782	63	100603	46.334	ug/L #	97
38) Bromodichloromethane	7.097	83	127572	50.440	ug/L	99
39) cis-1,3-Dichloropropene	7.599	75	146080	48.626	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	257864	90.589	ug/L #	95
42) Toluene	7.962	91	399782	52.087	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	136131	50.054	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	102766	52.641	ug/L	97
46) Tetrachloroethene	8.547	164	73524	58.956	ug/L	90
48) 2-Hexanone	8.676	43	204153	85.038	ug/L #	95
49) Dibromochloromethane	8.801	129	102294	57.981	ug/L	97
50) 1,2-Dibromoethane	8.917	107	107041	53.155	ug/L	97
51) Chlorobenzene	9.441	112	247147	53.351	ug/L	96
52) Ethylbenzene	9.563	91	398320	50.339	ug/L	96
53) m,p-Xylene	9.689	106	156748	53.900	ug/L	93
54) o-Xylene	10.094	106	151378	53.711	ug/L	94
55) Styrene	10.107	104	270699	56.505	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	178304	50.138	ug/L	99
59) Bromoform	10.283	173	84712	57.351	ug/L	99
60) 1,2,3-Trichloropropane	10.814	75	135854	43.365	ug/L	98
61) Isopropylbenzene	10.476	105	392199	49.485	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	274143	47.741	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	299580	48.126	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	194589	52.532	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	199637	52.185	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	195948	50.612	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	38388	48.335	ug/L #	74
69) 1,3,5-Trichlorobenzene	13.213	180	126612	51.755	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	104684	53.577	ug/L	99
71) Naphthalene	14.081	128	309250	50.003	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	115613	58.201	ug/L	99

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

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