

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071724\
 Data File : VU060006.D
 Acq On : 17 Jul 2024 20:05
 Operator : MD/SY
 Sample : P3260-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E08F4MSD

Quant Time: Jul 18 02:51:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 02:31:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	220874	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	222088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	114317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54292	38.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.560%
7) Chloroethane-d5	1.904	69	48557	40.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.420%
11) 1,1-Dichloroethene-d2	2.560	63	100275	39.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.600%
21) 2-Butanone-d5	4.615	46	108122	109.706	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.710%
24) Chloroform-d	5.055	84	126808	46.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.340%
26) 1,2-Dichloroethane-d4	5.692	65	76696	46.968	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.940%
32) Benzene-d6	5.721	84	241399	42.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
36) 1,2-Dichloropropane-d6	6.682	67	80324	45.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	7.894	98	222998	41.233	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.460%
43) trans-1,3-Dichloroprop...	8.174	79	34439	41.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.620%
47) 2-Hexanone-d5	8.627	63	73480	99.058	ug/L	-0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	139914	51.790	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.580%
66) 1,2-Dichlorobenzene-d4	12.187	152	90471	43.067	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	64566	47.069	ug/L	98
3) Chloromethane	1.518	50	72659	53.978	ug/L	99
5) Vinyl chloride	1.602	62	83235	52.674	ug/L	99
6) Bromomethane	1.843	94	52777	63.585	ug/L	98
8) Chloroethane	1.923	64	54402	52.882	ug/L	96
9) Trichlorofluoromethane	2.129	101	108915	49.508	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	69154	49.383	ug/L	99
12) 1,1-Dichloroethene	2.573	96	64493	49.245	ug/L	84
13) Acetone	2.621	43	73216	72.143	ug/L	97
14) Carbon disulfide	2.785	76	153563	46.458	ug/L	97
15) Methyl Acetate	2.939	43	68877	45.015	ug/L	99
16) Methylene chloride	3.036	84	82026	49.669	ug/L	97
17) trans-1,2-Dichloroethene	3.345	96	66098	49.024	ug/L	100
18) Methyl tert-butyl Ether	3.354	73	214237	48.923	ug/L	98
19) 1,1-Dichloroethane	3.859	63	132815	51.938	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	80795	49.488	ug/L	99
22) 2-Butanone	4.695	43	112538	90.129	ug/L	95
23) Bromochloromethane	4.965	128	44528	51.708	ug/L	96
25) Chloroform	5.078	83	145220	52.774	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	109344	52.343	ug/L	99
29) Cyclohexane	5.380	56	87701	44.102	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	113060	49.140	ug/L	99
31) Carbon tetrachloride	5.515	117	94384	49.663	ug/L	99
33) Benzene	5.766	78	304296	50.739	ug/L	100
34) Trichloroethene	6.534	95	77969	48.718	ug/L	99
35) Methylcyclohexane	6.756	83	94760	42.872	ug/L	100
37) 1,2-Dichloropropane	6.785	63	83514	50.592	ug/L	98
38) Bromodichloromethane	7.097	83	112088	53.589	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	118845	47.056	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	210762	101.018	ug/L	97
42) Toluene	7.962	91	329312	50.298	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	112151	48.342	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	89577	51.815	ug/L	99
46) Tetrachloroethene	8.547	164	91741	69.681	ug/L	98
48) 2-Hexanone	8.676	43	175169	100.318	ug/L	97
49) Dibromochloromethane	8.804	129	94416	55.429	ug/L	97
50) 1,2-Dibromoethane	8.917	107	92045	50.923	ug/L	97
51) Chlorobenzene	9.441	112	209129	48.114	ug/L	99
52) Ethylbenzene	9.566	91	327557	46.850	ug/L	99
53) m,p-Xylene	9.688	106	130137	47.804	ug/L	99
54) o-Xylene	10.094	106	147621	56.391	ug/L	100
55) Styrene	10.110	104	224666	50.871	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	155779	53.433	ug/L	99
59) Bromoform	10.283	173	78422	56.735	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	116177	53.548	ug/L	99
61) Isopropylbenzene	10.479	105	327568	49.157	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	225528	46.231	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	244154	46.726	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	169447	49.031	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	172488	48.281	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	172890	49.522	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	32619	54.976	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	112982	45.344	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	99632	44.364	ug/L	99
71) Naphthalene	14.080	128	323296	49.815	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	111367	49.426	ug/L	99

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

