

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060324\
 Data File : VU059129.D
 Acq On : 03 Jun 2024 17:55
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 04 07:00:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 01 01:17:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	213031	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215698	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110113	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52388	41.072	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.140%
7) Chloroethane-d5	1.904	69	47509	43.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.960%
11) 1,1-Dichloroethene-d2	2.563	63	114737	45.572	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.140%
21) 2-Butanone-d5	4.612	46	131825	109.649	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.650%
24) Chloroform-d	5.055	84	123407	48.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.695	65	76006	48.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
32) Benzene-d6	5.721	84	221216	44.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.360%
36) 1,2-Dichloropropane-d6	6.682	67	78550	46.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.040%
41) Toluene-d8	7.891	98	193855	46.127	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.260%
43) trans-1,3-Dichloroprop...	8.174	79	33265	48.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.420%
47) 2-Hexanone-d5	8.624	63	79032	100.123	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.120%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	134076	46.411	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.820%
66) 1,2-Dichlorobenzene-d4	12.187	152	72820	44.314	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	108329	50.188	ug/L	98
3) Chloromethane	1.518	50	129537	51.927	ug/L	99
5) Vinyl chloride	1.599	62	129892	52.990	ug/L	99
6) Bromomethane	1.850	94	75721	38.612	ug/L	96
8) Chloroethane	1.927	64	78873	51.599	ug/L	100
9) Trichlorofluoromethane	2.133	101	142392	49.919	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	85319	51.409	ug/L	99
12) 1,1-Dichloroethene	2.573	96	79797	53.012	ug/L	93
13) Acetone	2.615	43	110860	78.450	ug/L	99
14) Carbon disulfide	2.785	76	254857	50.272	ug/L	99
15) Methyl Acetate	2.936	43	125730	56.169	ug/L	96
16) Methylene chloride	3.036	84	103388	50.762	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	84830	52.213	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	272696	51.672	ug/L	99
19) 1,1-Dichloroethane	3.859	63	183534	52.702	ug/L	99
20) cis-1,2-Dichloroethene	4.657	96	96768	52.268	ug/L	94
22) 2-Butanone	4.689	43	175468	102.562	ug/L	98
23) Bromochloromethane	4.965	128	49382	52.658	ug/L	97
25) Chloroform	5.078	83	179561	53.250	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	148104	51.992	ug/L	100
29) Cyclohexane	5.380	56	138137	47.970	ug/L	100
30) 1,1,1-Trichloroethane	5.306	97	141004	50.278	ug/L	98
31) Carbon tetrachloride	5.515	117	112877	49.551	ug/L	99
33) Benzene	5.766	78	397815	51.076	ug/L	100
34) Trichloroethene	6.534	95	100387	52.638	ug/L	99
35) Methylcyclohexane	6.756	83	139467	49.737	ug/L	100
37) 1,2-Dichloropropane	6.782	63	114025	51.556	ug/L	99
38) Bromodichloromethane	7.097	83	130519	50.663	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	157740	51.548	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	319700	110.260	ug/L	99
42) Toluene	7.962	91	411189	52.594	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	147473	53.233	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	102459	51.525	ug/L	98
46) Tetrachloroethene	8.547	164	63574	50.046	ug/L	97
48) 2-Hexanone	8.676	43	255324	104.409	ug/L	99
49) Dibromochloromethane	8.804	129	92254	51.335	ug/L	100
50) 1,2-Dibromoethane	8.917	107	106491	51.915	ug/L	97
51) Chlorobenzene	9.441	112	243532	51.610	ug/L	100
52) Ethylbenzene	9.563	91	423578	52.553	ug/L	100
53) m,p-Xylene	9.689	106	156622	52.872	ug/L	100
54) o-Xylene	10.094	106	150844	52.543	ug/L	100
55) Styrene	10.110	104	272006	55.741	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	181094	49.992	ug/L	98
59) Bromoform	10.283	173	70126	48.572	ug/L	98
60) 1,2,3-Trichloropropane	10.814	75	147724	48.243	ug/L	98
61) Isopropylbenzene	10.480	105	396208	51.145	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	280850	50.037	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	314477	51.685	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	183910	50.795	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	186144	49.781	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	181512	47.965	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	38910	50.123	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	117454	49.120	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	101939	53.376	ug/L	96
71) Naphthalene	14.081	128	302814	50.092	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	104673	53.910	ug/L	99

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

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