

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058943.D
 Acq On : 23 May 2024 11:12
 Operator : MD/SY
 Sample : VSTD00565
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005065

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
 Supervised By :Mahesh Dadoda 05/27/2024

Quant Time: May 24 06:35:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 06:34:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	157240	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165388	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	82031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	9138	6.875	ug/L	0.00
7) Chloroethane-d5	1.911	69	6910	6.614	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	63	13363	5.715	ug/L	0.00
21) 2-Butanone-d5	4.640	46	10149m	12.794	ug/L	0.02
24) Chloroform-d	5.058	84	15111	6.445	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.702	65	8866	6.008	ug/L	0.00
32) Benzene-d6	5.721	84	26575	5.163	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	9098	5.582	ug/L	0.00
41) Toluene-d8	7.894	98	22517	4.844	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	3851	4.923	ug/L	0.00
47) 2-Hexanone-d5	8.637	63	5748m	8.531	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	14190	6.468	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	8543	5.361	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	5969	4.586	ug/L	97
3) Chloromethane	1.515	50	6448	5.179	ug/L	93
5) Vinyl chloride	1.602	62	7741	5.817	ug/L	96
6) Bromomethane	1.856	94	4276	5.302	ug/L	84
8) Chloroethane	1.930	64	5150	6.341	ug/L	96
9) Trichlorofluoromethane	2.136	101	10221	5.487	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	7079	6.301	ug/L	99
12) 1,1-Dichloroethene	2.576	96	5467	5.441	ug/L	95
13) Acetone	2.631	43	12363	13.949	ug/L	97
14) Carbon disulfide	2.788	76	10593	3.681	ug/L	96
15) Methyl Acetate	2.956	43	8549	6.924	ug/L #	85
16) Methylene chloride	3.042	84	9891	8.190	ug/L	96
17) trans-1,2-Dichloroethene	3.354	96	5259	5.151	ug/L	85
18) Methyl tert-butyl Ether	3.354	73	19480	5.298	ug/L	99
19) 1,1-Dichloroethane	3.866	63	13647	6.349	ug/L	95
20) cis-1,2-Dichloroethene	4.666	96	6692	5.505	ug/L	87
22) 2-Butanone	4.718	43	13443m	13.337	ug/L	
23) Bromochloromethane	4.975	128	3700	6.147	ug/L	95
25) Chloroform	5.084	83	14407	6.506	ug/L	99
27) 1,2-Dichloroethane	5.792	62	10982	6.067	ug/L	97
29) Cyclohexane	5.380	56	6737	3.404	ug/L	96
30) 1,1,1-Trichloroethane	5.312	97	10588	5.098	ug/L	98
31) Carbon tetrachloride	5.518	117	8660	4.866	ug/L	95
33) Benzene	5.772	78	25560	5.029	ug/L	100
34) Trichloroethene	6.537	95	7020	5.130	ug/L	93
35) Methylcyclohexane	6.756	83	7728	3.732	ug/L	95
37) 1,2-Dichloropropane	6.785	63	8956	6.208	ug/L #	93
38) Bromodichloromethane	7.100	83	10380	5.716	ug/L #	89
39) cis-1,3-Dichloropropene	7.605	75	10222	4.505	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	21124	11.256	ug/L	97
42) Toluene	7.965	91	26120	4.840	ug/L	92
44) trans-1,3-Dichloropropene	8.209	75	9943	4.725	ug/L	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058943.D
 Acq On : 23 May 2024 11:12
 Operator : MD/SY
 Sample : VSTD00565
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005065

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2024
 Supervised By :Mahesh Dadoda 05/27/2024

Quant Time: May 24 06:35:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 06:34:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	8789	6.493	ug/L	98
46) Tetrachloroethene	8.550	164	4713	5.021	ug/L	92
48) 2-Hexanone	8.685	43	17919m	11.133	ug/L	
49) Dibromochloromethane	8.804	129	8030	5.979	ug/L	96
50) 1,2-Dibromoethane	8.920	107	7909	5.595	ug/L	97
51) Chlorobenzene	9.444	112	18052	5.255	ug/L	91
52) Ethylbenzene	9.566	91	26719	4.411	ug/L	98
53) m,p-Xylene	9.692	106	8982	4.062	ug/L	95
54) o-Xylene	10.094	106	9143	4.218	ug/L	78
55) Styrene	10.113	104	14871m	4.033	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.775	83	14884	6.620	ug/L #	95
59) Bromoform	10.290	173	5705	5.938	ug/L	95
60) 1,2,3-Trichloropropane	10.817	75	11573	6.551	ug/L	97
61) Isopropylbenzene	10.479	105	24364	4.216	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	17925	3.742	ug/L	93
63) 1,2,4-Trimethylbenzene	11.467	105	17765	3.688	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	15069	5.873	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	14805	5.599	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	15020	5.781	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	2651	5.798	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.216	180	9729	5.407	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	7555	4.905	ug/L #	91
71) Naphthalene	14.087	128	17289	4.078	ug/L	95
72) 1,2,3-Trichlorobenzene	14.328	180	7688	5.171	ug/L	92

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

