

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057463.D
 Acq On : 11 Jan 2024 17:05
 Operator : MD/SY
 Sample : VSTD00124
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001024

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/12/2024
 Supervised By :Mahesh Dadoda 01/12/2024

Quant Time: Jan 11 21:05:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:04:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	285171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	259757	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	115459	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	30266	1.190	ug/L	0.00
7) Chloroethane-d5	1.911	69	24871	1.225	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	13434	1.314	ug/L	0.00
20) 2-Butanone-d5	4.656	46	53709	9.698	ug/L	0.02
24) Chloroform-d	5.055	84	53829	1.197	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	25858	1.142	ug/L	0.00
32) Benzene-d6	5.724	84	97972	1.206	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.688	67	31254	1.238	ug/L	0.00
41) Toluene-d8	7.894	98	78990	1.128	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	9946	1.015	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	31887m	7.584	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	21970	1.125	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	23747	1.104	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	20015	0.973	ug/L	96
3) Chloromethane	1.518	50	22690	0.992	ug/L	98
5) Vinyl chloride	1.602	62	21924	0.930	ug/L	98
6) Bromomethane	1.859	94	12820	1.104	ug/L	96
8) Chloroethane	1.933	64	13507	0.890	ug/L	94
9) Trichlorofluoromethane	2.136	101	30833	0.917	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	19640	0.954	ug/L	97
12) 1,1-Dichloroethene	2.576	96	17925	0.975	ug/L	92
13) Acetone	2.663	43	31972m	8.954	ug/L	
14) Carbon disulfide	2.791	76	48499	0.927	ug/L	98
15) Methyl Acetate	2.965	43	8229m	1.000	ug/L	
16) Methylene chloride	3.042	84	29095	1.211	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	41097	0.884	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	17458	0.950	ug/L	94
19) 1,1-Dichloroethane	3.865	63	38175	0.978	ug/L	95
21) 2-Butanone	4.737	43	44214	8.630	ug/L #	68
22) cis-1,2-Dichloroethene	4.666	96	19636	0.923	ug/L	93
23) Bromochloromethane	4.971	128	8653	0.918	ug/L	97
25) Chloroform	5.081	83	39482	0.963	ug/L	98
27) 1,2-Dichloroethane	5.795	62	23983	0.939	ug/L #	94
29) 1,1,1-Trichloroethane	5.312	97	33284	0.979	ug/L	99
30) Cyclohexane	5.380	56	23974	0.927	ug/L	96
31) Carbon tetrachloride	5.521	117	27307	0.961	ug/L	98
33) Benzene	5.769	78	75852	0.971	ug/L	100
34) Trichloroethene	6.541	95	20193	0.974	ug/L	93
35) Methylcyclohexane	6.759	83	24747	0.915	ug/L	96
37) 1,2-Dichloropropane	6.785	63	22628	1.044	ug/L	99
38) Bromodichloromethane	7.100	83	27370	0.991	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	28071	0.955	ug/L	92
40) 4-Methyl-2-pentanone	7.788	43	98238	8.881	ug/L	99
42) Toluene	7.968	91	65616	0.782	ug/L	100
44) trans-1,3-Dichloropropene	8.209	75	22376	0.880	ug/L	97

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

45) 1,1,2-Trichloroethane	8.399	97	14570	0.939	ug/L	97
47) Tetrachloroethene	8.550	164	13862	0.959	ug/L	96
48) 2-Hexanone	8.688	43	68243	8.473	ug/L	99
49) Dibromochloromethane	8.804	129	15024	0.872	ug/L	91
50) 1,2-Dibromoethane	8.920	107	10996	0.811	ug/L	99
51) Chlorobenzene	9.444	112	50705	1.044	ug/L	94
52) Ethylbenzene	9.566	91	73670	0.920	ug/L	97
53) m,p-Xylene	9.688	106	24609	0.813	ug/L	99
54) o-Xylene	10.097	106	24057	0.841	ug/L	95
55) Styrene	10.113	104	36249	0.757	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.778	83	17793	0.965	ug/L #	97
59) Bromoform	10.286	173	8697	1.011	ug/L	91
60) Isopropylbenzene	10.479	105	63279	0.922	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	12199	1.050	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	42555	0.766	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	40465	0.730	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	31905	0.939	ug/L	94
65) 1,4-Dichlorobenzene	11.833	146	32307	0.941	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	29907	0.918	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	2182	0.843	ug/L	96
69) 1,3,5-Trichlorobenzene	13.219	180	22407	0.927	ug/L	94
70) 1,2,4-trichlorobenzene	13.842	180	11980	0.640	ug/L	97
71) Naphthalene	14.090	128	16114	0.572	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	10275	0.651	ug/L	96

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

