

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011124\
 Data File : VU057462.D
 Acq On : 11 Jan 2024 16:41
 Operator : MD/SY
 Sample : VSTD0.523
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5023

Manual Integrations
 APPROVED

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

Quant Time: Jan 11 21:27:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 11 21:25:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	284031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	275413	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	106056	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	12852	0.446	ug/L	0.00
7) Chloroethane-d5	1.911	69	9370	0.418	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	5243	0.430	ug/L	0.00
20) 2-Butanone-d5	4.669	46	22170m	4.084	ug/L	0.03
24) Chloroform-d	5.058	84	22275	0.447	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.702	65	10962	0.457	ug/L	0.00
32) Benzene-d6	5.724	84	40551	0.404	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	13235	0.423	ug/L	0.00
41) Toluene-d8	7.898	98	29719	0.350	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	4280	0.393	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	11721m	2.983	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	8683	0.410	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	10571	0.496	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	7815	0.417	ug/L	94
3) Chloromethane	1.518	50	16791	0.698	ug/L	94
5) Vinyl chloride	1.602	62	9496	0.443	ug/L	99
6) Bromomethane	1.856	94	5803	0.465	ug/L	92
8) Chloroethane	1.933	64	6431	0.481	ug/L	98
9) Trichlorofluoromethane	2.136	101	13069	0.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	7492	0.400	ug/L	93
12) 1,1-Dichloroethene	2.576	96	6960	0.419	ug/L	86
13) Acetone	2.663	43	20712m	6.321	ug/L	
14) Carbon disulfide	2.792	76	21796	0.470	ug/L	100
15) Methyl Acetate	2.978	43	3057m	0.418	ug/L	
16) Methylene chloride	3.046	84	10861	0.484	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	15672	0.381	ug/L	96
18) trans-1,2-Dichloroethene	3.354	96	6233	0.378	ug/L	96
19) 1,1-Dichloroethane	3.862	63	15744	0.424	ug/L	94
21) 2-Butanone	4.740	43	19021m	4.104	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	7377	0.385	ug/L	91
23) Bromochloromethane	4.972	128	3507	0.426	ug/L	82
25) Chloroform	5.084	83	16189	0.420	ug/L	91
27) 1,2-Dichloroethane	5.792	62	10209	0.440	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	13722	0.404	ug/L	96
30) Cyclohexane	5.386	56	9954	0.360	ug/L	98
31) Carbon tetrachloride	5.521	117	11475	0.409	ug/L	98
33) Benzene	5.772	78	32060	0.396	ug/L	100
34) Trichloroethene	6.541	95	8663	0.408	ug/L	87
35) Methylcyclohexane	6.759	83	10234	0.362	ug/L	96
37) 1,2-Dichloropropane	6.792	63	9258	0.403	ug/L	98
38) Bromodichloromethane	7.100	83	10475	0.379	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	11194	0.369	ug/L	93
40) 4-Methyl-2-pentanone	7.791	43	35508	3.117	ug/L	95
42) Toluene	7.965	91	28657	0.359	ug/L	90
44) trans-1,3-Dichloropropene	8.213	75	8725	0.353	ug/L	99

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

45) 1,1,2-Trichloroethane	8.396	97	5686	0.384	ug/L	97
47) Tetrachloroethene	8.553	164	5541	0.393	ug/L	91
48) 2-Hexanone	8.689	43	27750m	3.376	ug/L	
49) Dibromochloromethane	8.807	129	6549	0.412	ug/L	93
50) 1,2-Dibromoethane	8.923	107	4380	0.359	ug/L #	87
51) Chlorobenzene	9.444	112	20849	0.415	ug/L	98
52) Ethylbenzene	9.566	91	28920	0.353	ug/L	98
53) m,p-Xylene	9.692	106	9825	0.332	ug/L	91
54) o-Xylene	10.097	106	9474	0.334	ug/L	92
55) Styrene	10.116	104	14402	0.308	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.782	83	7216	0.402	ug/L #	95
59) Bromoform	10.290	173	3123	0.452	ug/L	94
60) Isopropylbenzene	10.483	105	24880	0.403	ug/L	96
61) 1,2,3-Trichloropropane	10.823	75	4549	0.458	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	16419	0.338	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	17052	0.350	ug/L	100
64) 1,3-Dichlorobenzene	11.746	146	12762	0.425	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	13816	0.463	ug/L	97
67) 1,2-Dichlorobenzene	12.213	146	11938	0.429	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.991	75	810	0.426	ug/L #	70
69) 1,3,5-Trichlorobenzene	13.219	180	8245	0.410	ug/L	97
70) 1,2,4-trichlorobenzene	13.846	180	6082	0.446	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	5278	0.473	ug/L #	94

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

