

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011023\
 Data File : VU052642.D
 Acq On : 10 Jan 2023 14:12
 Operator : JC/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001002

Quant Time: Jan 11 00:41:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:40:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	152142	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	152851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	12953	0.850	ug/L	0.00
7) Chloroethane-d5	1.916	69	10909	0.837	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	5975	0.907	ug/L	0.00
20) 2-Butanone-d5	4.652	46	31859	6.830	ug/L	0.01
24) Chloroform-d	5.063	84	24827	0.943	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	12413	0.826	ug/L	0.00
32) Benzene-d6	5.726	84	45821	0.864	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	15933	0.881	ug/L	0.00
41) Toluene-d8	7.896	98	38432	0.858	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	5469	0.869	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	19661	5.974	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	11825	0.782	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	13349	0.867	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	16175	1.148	ug/L	100
3) Chloromethane	1.520	50	20931	1.061	ug/L	96
5) Vinyl chloride	1.604	62	19105	1.071	ug/L	100
6) Bromomethane	1.861	94	9589	0.946	ug/L	93
8) Chloroethane	1.938	64	11506	0.948	ug/L	98
9) Trichlorofluoromethane	2.141	101	22161	1.074	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	12973	1.067	ug/L	98
12) 1,1-Dichloroethene	2.581	96	13318	1.139	ug/L	94
13) Acetone	2.671	43	26801	7.949	ug/L	62
14) Carbon disulfide	2.793	76	45884	1.193	ug/L	98
15) Methyl Acetate	2.964	43	5788	0.759	ug/L	93
16) Methylene chloride	3.047	84	17343	1.035	ug/L	94
17) Methyl tert-butyl Ether	3.362	73	26280	0.860	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	13146	1.088	ug/L	97
19) 1,1-Dichloroethane	3.871	63	27455	1.056	ug/L	97
21) 2-Butanone	4.726	43	37501	7.439	ug/L #	67
22) cis-1,2-Dichloroethene	4.668	96	13858	1.049	ug/L	91
23) Bromochloromethane	4.977	128	6023	1.002	ug/L	78
25) Chloroform	5.086	83	28011	1.106	ug/L	94
27) 1,2-Dichloroethane	5.797	62	16639	0.975	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	24036	1.204	ug/L	98
30) Cyclohexane	5.388	56	20095	0.931	ug/L	97
31) Carbon tetrachloride	5.523	117	17934	1.033	ug/L	99
33) Benzene	5.771	78	55377	0.979	ug/L	100
34) Trichloroethene	6.542	95	13142	0.996	ug/L	93
35) Methylcyclohexane	6.761	83	19968	0.985	ug/L	97
37) 1,2-Dichloropropane	6.787	63	15437	0.989	ug/L	98
38) Bromodichloromethane	7.105	83	18198	0.962	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	17525	0.885	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	76049	6.965	ug/L	99
42) Toluene	7.967	91	53963	0.989	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	15662	0.897	ug/L	92

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45) 1,1,2-Trichloroethane	8.398	97	9608	0.891	ug/L	97
47) Tetrachloroethene	8.552	164	10072	1.084	ug/L	98
48) 2-Hexanone	8.684	43	57093	6.977	ug/L	95
49) Dibromochloromethane	8.806	129	11163	0.954	ug/L	91
50) 1,2-Dibromoethane	8.919	107	8858	0.898	ug/L #	94
51) Chlorobenzene	9.443	112	34899	1.012	ug/L	98
52) Ethylbenzene	9.568	91	52746	0.937	ug/L	99
53) m,p-Xylene	9.690	106	19085	0.911	ug/L	95
54) o-Xylene	10.095	106	18044	0.899	ug/L	92
55) Styrene	10.111	104	29074	0.835	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	12245	0.822	ug/L #	95
59) Bromoform	10.288	173	5719	0.865	ug/L	93
60) Isopropylbenzene	10.481	105	46916	0.938	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	9053	0.856	ug/L	96
62) 1,3,5-Trimethylbenzene	11.082	105	34297	0.833	ug/L	93
63) 1,2,4-Trimethylbenzene	11.465	105	34238	0.830	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	24444	0.992	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	25668	1.010	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	23327	0.964	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	1904	0.789	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.214	180	18566	1.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	13670	0.908	ug/L	98
71) Naphthalene	14.086	128	22207	0.744	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	13059	0.880	ug/L	99

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

