

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049952.D
 Acq On : 27 Jul 2022 16:25
 Operator : SY/MD
 Sample : VSTD00145
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001045

Quant Time: Jul 28 03:12:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:10:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90817	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38660	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	7253	0.885	ug/L	0.00
7) Chloroethane-d5	1.909	69	5610	1.005	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	2517	0.783	ug/L	0.00
20) 2-Butanone-d5	4.636	46	15194	7.118	ug/L	0.00
24) Chloroform-d	5.063	84	11756	0.911	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	6157	0.886	ug/L	0.00
32) Benzene-d6	5.729	84	22950	0.835	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	7819	0.848	ug/L	0.00
41) Toluene-d8	7.899	98	19935	0.807	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	2678	0.677	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	8074	5.085	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	6468	0.859	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	6102	0.831	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	7552	0.955	ug/L	96
3) Chloromethane	1.520	50	8499	0.982	ug/L	91
5) Vinyl chloride	1.600	62	8439	1.067	ug/L	95
6) Bromomethane	1.854	94	4547	1.056	ug/L	97
8) Chloroethane	1.932	64	4766	1.041	ug/L	94
9) Trichlorofluoromethane	2.137	101	9660	1.039	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	5596	1.020	ug/L	98
12) 1,1-Dichloroethene	2.575	96	5203	0.990	ug/L	89
13) Acetone	2.632	43	13678	12.625	ug/L	100
14) Carbon disulfide	2.790	76	15476	0.921	ug/L	99
15) Methyl Acetate	2.957	43	2468	0.878	ug/L	98
16) Methylene chloride	3.044	84	8407	1.180	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	13727	0.887	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	5442	0.942	ug/L	90
19) 1,1-Dichloroethane	3.870	63	11487	1.003	ug/L	98
21) 2-Butanone	4.713	43	17773	8.779	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	6288	0.954	ug/L	95
23) Bromochloromethane	4.973	128	3022	1.061	ug/L	94
25) Chloroform	5.092	83	12984	1.111	ug/L	98
27) 1,2-Dichloroethane	5.800	62	7237	0.967	ug/L	95
29) 1,1,1-Trichloroethane	5.317	97	9189	0.862	ug/L	99
30) Cyclohexane	5.388	56	7593	0.652	ug/L	98
31) Carbon tetrachloride	5.523	117	7365	0.829	ug/L	100
33) Benzene	5.774	78	24950	0.926	ug/L	100
34) Trichloroethene	6.542	95	5991	0.879	ug/L	98
35) Methylcyclohexane	6.767	83	7722	0.698	ug/L	98
37) 1,2-Dichloropropane	6.793	63	6896	0.931	ug/L	99
38) Bromodichloromethane	7.108	83	8475	0.942	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	8447	0.778	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	38214	7.227	ug/L	98
42) Toluene	7.970	91	24523	0.861	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	7127	0.756	ug/L	94

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

45) 1,1,2-Trichloroethane	8.404	97	5201	0.986	ug/L	94
47) Tetrachloroethene	8.555	164	4324	0.915	ug/L	91
48) 2-Hexanone	8.687	43	29257	7.670	ug/L	95
49) Dibromochloromethane	8.812	129	5632	0.950	ug/L	97
50) 1,2-Dibromoethane	8.925	107	4660	0.973	ug/L #	97
51) Chlorobenzene	9.449	112	15686	0.901	ug/L	96
52) Ethylbenzene	9.571	91	21783	0.716	ug/L	99
53) m,p-Xylene	9.693	106	8461	0.747	ug/L	92
54) o-Xylene	10.102	106	8022	0.714	ug/L	99
55) Styrene	10.114	104	12507	0.662	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.783	83	6929	0.998	ug/L	97
59) Bromoform	10.291	173	3065	1.053	ug/L #	99
60) Isopropylbenzene	10.484	105	20552	0.805	ug/L	96
61) 1,2,3-Trichloropropane	10.825	75	4840	1.111	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	15413	0.695	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	14390	0.658	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	10189	0.910	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	10129	0.916	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	10333	0.964	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	783	0.689	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	7237	0.878	ug/L	97
70) 1,2,4-trichlorobenzene	13.844	180	5131	0.782	ug/L	98
71) Naphthalene	14.089	128	10267	0.793	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	5174	0.830	ug/L	96

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

