

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049953.D
 Acq On : 27 Jul 2022 16:50
 Operator : SY/MD
 Sample : VSTD00546
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005046

Quant Time: Jul 28 03:12:36 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	104301	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	100775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47444	5.171	ug/L	0.00
7) Chloroethane-d5	1.909	69	34633	5.542	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	16307	4.532	ug/L	0.00
20) 2-Butanone-d5	4.629	46	107329	44.900	ug/L	0.00
24) Chloroform-d	5.063	84	77833	5.386	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	38504	4.946	ug/L	0.00
32) Benzene-d6	5.729	84	158007	5.179	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	50082	4.897	ug/L	0.00
41) Toluene-d8	7.899	98	142425	5.194	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	18609	4.239	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	69826	39.634	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42911	5.137	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	45742	4.966	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	43175	4.875	ug/L	100
3) Chloromethane	1.520	50	48696	5.027	ug/L	100
5) Vinyl chloride	1.600	62	48130	5.436	ug/L	100
6) Bromomethane	1.854	94	25588	5.308	ug/L	100
8) Chloroethane	1.928	64	27617	5.385	ug/L	100
9) Trichlorofluoromethane	2.134	101	57151	5.487	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	33425	5.440	ug/L	100
12) 1,1-Dichloroethene	2.578	96	30811	5.232	ug/L	100
13) Acetone	2.636	43	61144	50.394	ug/L	100
14) Carbon disulfide	2.790	76	86939	4.618	ug/L	100
15) Methyl Acetate	2.954	43	15695	4.987	ug/L	100
16) Methylene chloride	3.044	84	43375	5.437	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	84117	4.851	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	33014	5.100	ug/L	100
19) 1,1-Dichloroethane	3.870	63	68562	5.344	ug/L	100
21) 2-Butanone	4.706	43	107357	47.351	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	40524	5.491	ug/L	100
23) Bromochloromethane	4.976	128	18618	5.836	ug/L	100
25) Chloroform	5.089	83	72920	5.573	ug/L	100
27) 1,2-Dichloroethane	5.793	62	42316	5.047	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	56988	4.820	ug/L	100
30) Cyclohexane	5.388	56	48503	3.754	ug/L	100
31) Carbon tetrachloride	5.526	117	46035	4.667	ug/L	100
33) Benzene	5.774	78	156981	5.252	ug/L	100
34) Trichloroethene	6.542	95	38025	5.029	ug/L	100
35) Methylcyclohexane	6.764	83	50336	4.098	ug/L	100
37) 1,2-Dichloropropane	6.790	63	42832	5.210	ug/L	100
38) Bromodichloromethane	7.105	83	51399	5.147	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	54853	4.551	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	250790	42.742	ug/L	100
42) Toluene	7.970	91	163054	5.161	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	46440	4.440	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	32098	5.485	ug/L	100
47) Tetrachloroethene	8.555	164	27209	5.191	ug/L	100
48) 2-Hexanone	8.684	43	189915	44.868	ug/L	100
49) Dibromochloromethane	8.809	129	35624	5.414	ug/L	100
50) 1,2-Dibromoethane	8.925	107	28766	5.411	ug/L	100
51) Chlorobenzene	9.446	112	100539	5.204	ug/L	100
52) Ethylbenzene	9.571	91	158154	4.684	ug/L	100
53) m,p-Xylene	9.693	106	60224	4.794	ug/L	100
54) o-Xylene	10.102	106	59917	4.804	ug/L	100
55) Styrene	10.115	104	102621	4.896	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	41451	5.381	ug/L	100
59) Bromoform	10.288	173	19874	5.445	ug/L	100
60) Isopropylbenzene	10.484	105	152279	4.754	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	28481	5.212	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	121537	4.371	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	118957	4.338	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	71396	5.085	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	70990	5.117	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	71167	5.297	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	6190	4.345	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	50648	4.898	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	39580	4.812	ug/L	100
71) Naphthalene	14.085	128	72160	4.445	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	38728	4.955	ug/L	100

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

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