

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049050.D
 Acq On : 11 Jun 2022 13:19
 Operator : SY/MD
 Sample : VSTD00528
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005028

Quant Time: Jun 13 01:07:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:05:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	157481	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	153353	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36867	3.824	ug/L	0.00
7) Chloroethane-d5	1.915	69	40399	4.465	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	19394	4.188	ug/L	0.00
20) 2-Butanone-d5	4.636	46	179583	57.603	ug/L	0.00
24) Chloroform-d	5.066	84	115061	5.094	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	64614	5.215	ug/L	0.00
32) Benzene-d6	5.729	84	213458	4.844	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	69508	4.974	ug/L	0.00
41) Toluene-d8	7.899	98	181907	4.498	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	23720	4.215	ug/L	0.00
46) 2-Hexanone-d5	8.635	63	132982	44.767	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	61850	4.502	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	73822	4.445	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	96942	8.454	ug/L	100
3) Chloromethane	1.523	50	78204	7.312	ug/L	100
5) Vinyl chloride	1.604	62	72978	6.819	ug/L	100
6) Bromomethane	1.861	94	42499	7.902	ug/L	100
8) Chloroethane	1.935	64	38535	6.171	ug/L	100
9) Trichlorofluoromethane	2.141	101	100209	7.099	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	53996	6.351	ug/L	100
12) 1,1-Dichloroethene	2.581	96	49639	6.054	ug/L	100
13) Acetone	2.652	43	96925	72.771	ug/L	100
14) Carbon disulfide	2.793	76	170926	6.652	ug/L	100
15) Methyl Acetate	2.960	43	23772	6.747	ug/L	100
16) Methylene chloride	3.047	84	57990	4.907	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	129767	6.119	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	54633	6.138	ug/L	100
19) 1,1-Dichloroethane	3.870	63	104105	6.545	ug/L	100
21) 2-Butanone	4.716	43	157430	65.244	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	59955	6.105	ug/L	100
23) Bromochloromethane	4.976	128	27596	5.690	ug/L	100
25) Chloroform	5.089	83	107014	6.193	ug/L	100
27) 1,2-Dichloroethane	5.796	62	72234	6.456	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	99212	6.719	ug/L	100
30) Cyclohexane	5.391	56	86815	6.816	ug/L	100
31) Carbon tetrachloride	5.526	117	87113	6.718	ug/L	100
33) Benzene	5.777	78	229336	6.259	ug/L	100
34) Trichloroethene	6.542	95	59015	6.110	ug/L	100
35) Methylcyclohexane	6.764	83	93565	6.642	ug/L	100
37) 1,2-Dichloropropane	6.793	63	60168	6.349	ug/L	100
38) Bromodichloromethane	7.105	83	80112	6.208	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	83767	5.839	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	379165	58.572	ug/L	100
42) Toluene	7.970	91	245592	6.215	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	75649	5.905	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	41970	5.413	ug/L	100
47) Tetrachloroethene	8.555	164	47418	5.875	ug/L	100
48) 2-Hexanone	8.687	43	282753	57.661	ug/L	100
49) Dibromochloromethane	8.809	129	54203	5.644	ug/L	100
50) 1,2-Dibromoethane	8.925	107	41982	5.475	ug/L	100
51) Chlorobenzene	9.446	112	157318	5.899	ug/L	100
52) Ethylbenzene	9.571	91	249144	6.000	ug/L	100
53) m,p-Xylene	9.693	106	104740	6.412	ug/L	100
54) o-Xylene	10.098	106	98750	6.180	ug/L	100
55) Styrene	10.114	104	169465	6.182	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	54901	5.297	ug/L	100
59) Bromoform	10.291	173	31956	5.473	ug/L	100
60) Isopropylbenzene	10.484	105	262125	6.631	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	42970	5.964	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	217349	7.968	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	219673	6.670	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	124002	5.827	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	119717	5.563	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	120410	5.720	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	9846	5.771	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	93767	5.320	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	71485	4.718	ug/L	100
71) Naphthalene	14.085	128	112277	4.052	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	68247	4.674	ug/L	100

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

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