

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051215.D
 Acq On : 07 Oct 2022 12:25
 Operator : JC/MD
 Sample : VSTD00558
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005058

Quant Time: Oct 08 00:25:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:22:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	108632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	83537	4.770	ug/L	0.00
7) Chloroethane-d5	1.909	69	70148	4.792	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	32573	4.249	ug/L	0.00
20) 2-Butanone-d5	4.639	46	203099	34.390	ug/L	0.00
24) Chloroform-d	5.063	84	160735	4.236	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	80405	3.664	ug/L	0.00
32) Benzene-d6	5.726	84	310416	4.185	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	104568	4.110	ug/L	0.00
41) Toluene-d8	7.896	98	290689	4.446	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	35477	3.884	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	123203	34.716	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	84194	3.955	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	88425	4.082	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	89719	4.180	ug/L	100
3) Chloromethane	1.520	50	121519	4.403	ug/L	100
5) Vinyl chloride	1.601	62	119122	5.074	ug/L	100
6) Bromomethane	1.855	94	66160	5.163	ug/L	100
8) Chloroethane	1.932	64	75593	5.450	ug/L	100
9) Trichlorofluoromethane	2.134	101	138578	4.897	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	83945	5.856	ug/L	100
12) 1,1-Dichloroethene	2.575	96	76159	5.283	ug/L	100
13) Acetone	2.652	43	152791	41.585	ug/L	100
14) Carbon disulfide	2.787	76	232891	5.236	ug/L	100
15) Methyl Acetate	2.957	43	35615	3.889	ug/L	100
16) Methylene chloride	3.041	84	102362	3.247	ug/L	100
17) Methyl tert-butyl Ether	3.366	73	177374	3.980	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	81934	4.966	ug/L	100
19) 1,1-Dichloroethane	3.867	63	172278	4.856	ug/L	100
21) 2-Butanone	4.716	43	240074	39.306	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	89360	4.728	ug/L	100
23) Bromochloromethane	4.970	128	45328	5.230	ug/L	100
25) Chloroform	5.086	83	178380	4.744	ug/L	100
27) 1,2-Dichloroethane	5.793	62	108142	4.272	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	134889	4.451	ug/L	100
30) Cyclohexane	5.385	56	110207	4.540	ug/L	100
31) Carbon tetrachloride	5.523	117	113717	4.616	ug/L	100
33) Benzene	5.771	78	384896	4.793	ug/L	100
34) Trichloroethene	6.539	95	92252	4.765	ug/L	100
35) Methylcyclohexane	6.761	83	119074	5.020	ug/L	100
37) 1,2-Dichloropropane	6.790	63	103580	4.554	ug/L	100
38) Bromodichloromethane	7.105	83	123541	4.376	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	121592	4.157	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	581675	38.253	ug/L	100
42) Toluene	7.967	91	404882	5.036	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	108774	4.263	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	75036	4.608	ug/L	100
47) Tetrachloroethene	8.552	164	67003	5.038	ug/L	100
48) 2-Hexanone	8.684	43	452014	39.748	ug/L	100
49) Dibromochloromethane	8.809	129	82235	4.561	ug/L	100
50) 1,2-Dibromoethane	8.922	107	66976	4.655	ug/L	100
51) Chlorobenzene	9.446	112	242288	4.741	ug/L	100
52) Ethylbenzene	9.568	91	361000	4.469	ug/L	100
53) m,p-Xylene	9.693	106	140960	4.689	ug/L	100
54) o-Xylene	10.099	106	133580	4.538	ug/L	100
55) Styrene	10.115	104	240113	4.761	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	90231	4.344	ug/L	100
59) Bromoform	10.288	173	43207	4.663	ug/L	100
60) Isopropylbenzene	10.484	105	347915	4.957	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	67278	4.756	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	85328	1.667	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	245144	4.350	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	171237	4.899	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	166256	4.794	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	163333	4.720	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	13582	4.369	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	113272	4.435	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	81230	3.861	ug/L	100
71) Naphthalene	14.086	128	137270	3.373	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	82334	4.043	ug/L	100

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

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