

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028273.D
 Acq On : 03 Oct 2022 12:08
 Operator : SY/MD
 Sample : VSTD02056
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020256

Quant Time: Oct 04 01:54:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 03 12:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	184538	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	179237	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102193	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	292658	15.297	ug/L	0.00
7) Chloroethane-d5	1.561	69	247588	16.277	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	541175	16.309	ug/L	0.00
20) 2-Butanone-d5	3.892	46	569793	176.413	ug/L	0.00
24) Chloroform-d	4.336	84	536447	17.572	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	243707	16.776	ug/L	0.00
32) Benzene-d6	5.040	84	1087040	18.496	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	308823	16.855	ug/L	0.00
41) Toluene-d8	7.310	98	1018017	19.137	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	124529	18.816	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	553906	200.530	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	222329	17.753	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	362616	18.090	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	312341	22.662	ug/L	93
3) Chloromethane	1.236	50	284544	15.589	ug/L	98
5) Vinyl chloride	1.304	62	333885	23.332	ug/L	100
6) Bromomethane	1.516	94	160293	17.200	ug/L	97
8) Chloroethane	1.577	64	216135	22.523	ug/L	95
9) Trichlorofluoromethane	1.748	101	506240	22.281	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	275270	21.023	ug/L	98
12) 1,1-Dichloroethene	2.111	96	276602	21.689	ug/L #	72
13) Acetone	2.198	43	321450	129.208	ug/L	93
14) Carbon disulfide	2.285	76	839494	34.302	ug/L	99
15) Methyl Acetate	2.436	43	104224	21.581	ug/L	95
16) Methylene chloride	2.497	84	284868	20.010	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	609859	22.230	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	287543	25.757	ug/L	97
19) 1,1-Dichloroethane	3.178	63	497238	20.417	ug/L	98
21) 2-Butanone	3.979	43	570511	185.227	ug/L	93
22) cis-1,2-Dichloroethene	3.899	96	309604	21.135	ug/L	94
23) Bromochloromethane	4.240	128	130876	22.312	ug/L #	82
25) Chloroform	4.365	83	523543	20.034	ug/L	98
27) 1,2-Dichloroethane	5.124	62	291366	20.909	ug/L #	93
29) 1,1,1-Trichloroethane	4.600	97	473833	21.516	ug/L	98
30) Cyclohexane	4.667	56	450080	28.258	ug/L	90
31) Carbon tetrachloride	4.818	117	421722	23.270	ug/L	99
33) Benzene	5.092	78	1176929	23.646	ug/L	100
34) Trichloroethene	5.905	95	290708	23.465	ug/L	96
35) Methylcyclohexane	6.124	83	514756	30.296	ug/L	92
37) 1,2-Dichloropropane	6.165	63	269467	19.312	ug/L	98
38) Bromodichloromethane	6.503	83	362833	21.063	ug/L #	97
39) cis-1,3-Dichloropropene	7.021	75	418167	24.128	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	1345802	198.619	ug/L #	92
42) Toluene	7.381	91	1272797	24.515	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	351001	23.546	ug/L	95

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45) 1,1,2-Trichloroethane	7.834	97	193937	20.735	ug/L	99
47) Tetrachloroethene	7.969	164	247391	25.016	ug/L	99
48) 2-Hexanone	8.136	43	949250	184.542	ug/L #	92
49) Dibromochloromethane	8.243	129	241394	21.465	ug/L	99
50) 1,2-Dibromoethane	8.349	107	176364	21.698	ug/L	98
51) Chlorobenzene	8.876	112	797938	22.915	ug/L	99
52) Ethylbenzene	9.008	91	1380019	25.125	ug/L	99
53) m,p-Xylene	9.133	106	548800	26.072	ug/L	98
54) o-Xylene	9.538	106	531635	25.576	ug/L	99
55) Styrene	9.554	104	917305	25.468	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	223016	20.464	ug/L	99
59) Bromoform	9.728	173	134155	20.677	ug/L	100
60) Isopropylbenzene	9.927	105	1405356	23.429	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	157988	18.433	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	408566	24.182	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1203595	25.484	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	655254	21.953	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	640274	21.440	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	591878	20.992	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.422	75	36903	19.642	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	518046	21.928	ug/L	99
70) 1,2,4-trichlorobenzene	13.255	180	423829	22.432	ug/L	100
71) Naphthalene	13.496	128	685933	22.170	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	372138	21.775	ug/L	99

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

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