

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
 Data File : VU054773.D
 Acq On : 07 Jul 2023 09:58
 Operator : MD/SY
 Sample : VSTD00539
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005039

Quant Time: Jul 08 07:41:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 08 07:39:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	237514	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	228997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	89959	5.019	ug/L	0.00
7) Chloroethane-d5	1.907	69	74957	4.998	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	35903	4.904	ug/L	0.00
20) 2-Butanone-d5	4.624	46	204998	50.330	ug/L	0.00
24) Chloroform-d	5.058	84	163609	5.123	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	83878	5.024	ug/L	0.00
32) Benzene-d6	5.724	84	308903	5.082	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	97723	5.069	ug/L	0.00
41) Toluene-d8	7.894	98	292221	5.158	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	39448	5.085	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	154323	51.921	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78065	5.025	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	106622	5.008	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	89422	4.847	ug/L	100
3) Chloromethane	1.518	50	95927	4.656	ug/L	100
5) Vinyl chloride	1.602	62	96959	4.842	ug/L	100
6) Bromomethane	1.853	94	57198	4.700	ug/L	100
8) Chloroethane	1.927	64	55538	4.848	ug/L	100
9) Trichlorofluoromethane	2.132	101	127368	4.881	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	63190	4.847	ug/L	100
12) 1,1-Dichloroethene	2.573	96	57896	4.764	ug/L	100
13) Acetone	2.631	43	105395	49.551	ug/L	100
14) Carbon disulfide	2.788	76	197329	4.823	ug/L	100
15) Methyl Acetate	2.952	43	25352	4.819	ug/L	100
16) Methylene chloride	3.039	84	72244	4.017	ug/L	100
17) Methyl tert-butyl Ether	3.361	73	138709	4.838	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	59258	4.736	ug/L	100
19) 1,1-Dichloroethane	3.862	63	117860	4.859	ug/L	100
21) 2-Butanone	4.701	43	158081	49.318	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	64975	4.769	ug/L	100
23) Bromochloromethane	4.972	128	30454	5.025	ug/L	100
25) Chloroform	5.084	83	122665	4.824	ug/L	100
27) 1,2-Dichloroethane	5.791	62	78510	4.780	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	107563	4.868	ug/L	100
30) Cyclohexane	5.383	56	96370	4.903	ug/L	100
31) Carbon tetrachloride	5.518	117	96333	4.858	ug/L	100
33) Benzene	5.769	78	252671	4.901	ug/L	100
34) Trichloroethene	6.541	95	68455	4.744	ug/L	100
35) Methylcyclohexane	6.759	83	98164	4.865	ug/L	100
37) 1,2-Dichloropropane	6.788	63	65419	4.835	ug/L	100
38) Bromodichloromethane	7.100	83	83633	4.812	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	98967	4.890	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	378842	49.963	ug/L	100
42) Toluene	7.965	91	275476	5.042	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	87585	5.006	ug/L	100

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45) 1,1,2-Trichloroethane	8.396	97	46144	4.763	ug/L	100
47) Tetrachloroethene	8.550	164	57329	4.905	ug/L	100
48) 2-Hexanone	8.682	43	282001	51.648	ug/L	100
49) Dibromochloromethane	8.807	129	56124	4.977	ug/L	100
50) 1,2-Dibromoethane	8.920	107	45320	4.903	ug/L	100
51) Chlorobenzene	9.444	112	170460	4.870	ug/L	100
52) Ethylbenzene	9.566	91	284893	4.871	ug/L	100
53) m,p-Xylene	9.692	106	110418	4.942	ug/L	100
54) o-Xylene	10.097	106	105131	5.038	ug/L	100
55) Styrene	10.113	104	179183	5.078	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	58182	4.926	ug/L	100
59) Bromoform	10.286	173	35314	4.940	ug/L	100
60) Isopropylbenzene	10.483	105	282194	4.977	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	43679	4.905	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	227435	4.835	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	222107	4.941	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	138251	4.842	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	138552	4.872	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	126725	4.829	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	9950	4.592	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	103658	4.857	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	81970	4.780	ug/L	100
71) Naphthalene	14.084	128	126399	4.668	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	73558	4.798	ug/L	100

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

