

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049844.D
 Acq On : 22 Jul 2022 11:01
 Operator : SY/MD
 Sample : VSTD00540
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005040

Quant Time: Jul 23 00:39:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 00:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	102350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	98333	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51643	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	41276	4.695	ug/L	0.00
7) Chloroethane-d5	1.909	69	34866	5.653	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	17971	4.978	ug/L	0.00
20) 2-Butanone-d5	4.639	46	149158	59.165	ug/L	0.00
24) Chloroform-d	5.064	84	92504	6.239	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	51340	6.275	ug/L	0.00
32) Benzene-d6	5.726	84	165144	5.467	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	57836	5.595	ug/L	0.00
41) Toluene-d8	7.896	98	146804	5.423	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	21044	4.784	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	83496	46.895	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	47836	5.702	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	51087	5.157	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	60870	6.454	ug/L	100
3) Chloromethane	1.520	50	66234	6.465	ug/L	100
5) Vinyl chloride	1.601	62	58877	6.431	ug/L	100
6) Bromomethane	1.855	94	31247	6.279	ug/L	100
8) Chloroethane	1.929	64	33176	6.288	ug/L	100
9) Trichlorofluoromethane	2.134	101	75271	6.850	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	38607	6.166	ug/L	100
12) 1,1-Dichloroethene	2.575	96	35977	5.988	ug/L	100
13) Acetone	2.655	43	89785	68.550	ug/L	100
14) Carbon disulfide	2.790	76	111514	5.712	ug/L	100
15) Methyl Acetate	2.964	43	21254	6.397	ug/L	100
16) Methylene chloride	3.041	84	60328	7.065	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	109059	6.034	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	40647	6.083	ug/L	100
19) 1,1-Dichloroethane	3.867	63	87809	6.548	ug/L	100
21) 2-Butanone	4.719	43	157820	64.821	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	46949	6.236	ug/L	100
23) Bromochloromethane	4.977	128	20889	6.456	ug/L	100
25) Chloroform	5.089	83	91454	6.707	ug/L	100
27) 1,2-Dichloroethane	5.797	62	62124	6.863	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	73764	6.015	ug/L	100
30) Cyclohexane	5.385	56	63063	4.764	ug/L	100
31) Carbon tetrachloride	5.523	117	61484	5.977	ug/L	100
33) Benzene	5.774	78	185058	6.079	ug/L	100
34) Trichloroethene	6.543	95	45612	5.910	ug/L	100
35) Methylcyclohexane	6.761	83	60309	4.851	ug/L	100
37) 1,2-Dichloropropane	6.790	63	51651	6.138	ug/L	100
38) Bromodichloromethane	7.105	83	63980	6.213	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	69441	5.601	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	370566	59.492	ug/L	100
42) Toluene	7.967	91	192851	5.994	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	58744	5.468	ug/L	100

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45) 1,1,2-Trichloroethane	8.398	97	36785	6.204	ug/L	100
47) Tetrachloroethene	8.552	164	33216	6.173	ug/L	100
48) 2-Hexanone	8.684	43	281900	62.415	ug/L	100
49) Dibromochloromethane	8.809	129	42261	6.288	ug/L	100
50) 1,2-Dibromoethane	8.925	107	33621	6.215	ug/L	100
51) Chlorobenzene	9.446	112	115417	5.906	ug/L	100
52) Ethylbenzene	9.568	91	194891	5.638	ug/L	100
53) m,p-Xylene	9.694	106	71448	5.597	ug/L	100
54) o-Xylene	10.099	106	71059	5.607	ug/L	100
55) Styrene	10.115	104	120151	5.653	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	47436	6.084	ug/L	100
59) Bromoform	10.288	173	22798	5.767	ug/L	100
60) Isopropylbenzene	10.485	105	185410	5.290	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	35885	5.938	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	154015	5.033	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	147181	4.901	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	88302	5.717	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	84636	5.590	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	83597	5.717	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	7989	5.078	ug/L	100
69) 1,3,5-Trichlorobenzene	13.218	180	62092	5.475	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	50328	5.538	ug/L	100
71) Naphthalene	14.086	128	91987	5.139	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	48718	5.649	ug/L	100

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

