

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043907.D
 Acq On : 24 May 2021 13:47
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5131

Quant Time: May 25 03:41:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 03:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.285	114	205810	5.00	ug/L	0.03
28) Chlorobenzene-d5	9.430	117	208119	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	99333	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.607	65	5956	0.42	ug/L	0.00
7) Chloroethane-d5	1.932	69	4163	0.41	ug/L	0.02
11) 1,1-Dichloroethene-d2	2.581	65	2257	0.36	ug/L	0.01
20) 2-Butanone-d5	4.726	46	18080	5.92	ug/L	0.06
24) Chloroform-d	5.112	84	12871	0.51	ug/L	0.04
26) 1,2-Dichloroethane-d4	5.745	65	7129	0.55	ug/L	0.03
32) Benzene-d6	5.768	84	25033	0.47	ug/L	0.03
36) 1,2-Dichloropropane-d6	6.723	67	8548	0.51	ug/L	0.02
41) Toluene-d8	7.919	98	20990	0.43	ug/L	0.01
43) trans-1,3-Dichloroprop...	8.198	79	2893	0.46	ug/L	0.01
46) 2-Hexanone-d5	8.655	63	10548	3.76	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	7941	0.56	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	9692	0.58	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.392	85	6627	0.45	ug/L	95
3) Chloromethane	1.523	50	7567	0.44	ug/L	100
5) Vinyl chloride	1.613	62	6578	0.40	ug/L #	73
6) Bromomethane	1.877	94	4209	0.43	ug/L	100
8) Chloroethane	1.954	64	3556	0.38	ug/L	96
9) Trichlorofluoromethane	2.154	101	8865	0.45	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	4779	0.34	ug/L	95
12) 1,1-Dichloroethene	2.591	96	4576	0.33	ug/L	83
13) Acetone	2.723	43	6133	3.24	ug/L	95
14) Carbon disulfide	2.797	76	13836	0.31	ug/L #	94
15) Methyl Acetate	2.990	43	2586	0.46	ug/L	93
16) Methylene chloride	3.057	84	8116	0.41	ug/L	97
17) Methyl tert-butyl Ether	3.395	73	11729	0.39	ug/L #	91
18) trans-1,2-Dichloroethene	3.353	96	5096	0.36	ug/L	90
19) 1,1-Dichloroethane	3.877	63	8863	0.35	ug/L	95
21) 2-Butanone	4.800	43	17470	4.84	ug/L	99
22) cis-1,2-Dichloroethene	4.703	96	6713	0.45	ug/L	95
23) Bromochloromethane	5.018	128	3479	0.49	ug/L	96
25) Chloroform	5.134	83	12741	0.50	ug/L	99
27) 1,2-Dichloroethane	5.838	62	7300	0.47	ug/L	95
29) 1,1,1-Trichloroethane	5.362	97	10136	0.47	ug/L	97
30) Cyclohexane	5.430	56	7920	0.34	ug/L	94
31) Carbon tetrachloride	5.565	117	8611	0.48	ug/L	97
33) Benzene	5.813	78	24086	0.41	ug/L	100
34) Trichloroethene	6.575	95	6740	0.44	ug/L	96
35) Methylcyclohexane	6.790	83	8184	0.35	ug/L	97
37) 1,2-Dichloropropane	6.822	63	6780	0.44	ug/L #	92
38) Bromodichloromethane	7.131	83	8188	0.45	ug/L	98
39) cis-1,3-Dichloropropene	7.629	75	8035	0.39	ug/L	88
40) 4-Methyl-2-pentanone	7.819	43	31319	3.23	ug/L	96
42) Toluene	7.989	91	22610	0.36	ug/L	99
44) trans-1,3-Dichloropropene	8.227	75	6551	0.37	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.420	97	5152	0.46	ug/L	95
47) Tetrachloroethene	8.568	164	5511	0.44	ug/L	94
48) 2-Hexanone	8.706	43	23688	3.28	ug/L	94
49) Dibromochloromethane	8.825	129	5778	0.46	ug/L	87
50) 1,2-Dibromoethane	8.941	107	4544	0.43	ug/L #	95
51) Chlorobenzene	9.459	112	16610	0.42	ug/L	97
52) Ethylbenzene	9.581	91	21811	0.35	ug/L	97
53) m,p-Xylene	9.706	106	8113	0.33	ug/L	96
54) o-Xylene	10.108	106	7583	0.33	ug/L	97
55) Styrene	10.124	104	12374	0.31	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.793	83	6174	0.43	ug/L #	96
59) Bromoform	10.301	173	3558	0.53	ug/L	99
60) Isopropylbenzene	10.494	105	18975	0.36	ug/L	99
61) 1,2,3-Trichloropropane	10.835	75	4618	0.49	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	13524	0.32	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	13344	0.31	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	12080	0.43	ug/L	96
65) 1,4-Dichlorobenzene	11.845	146	11765	0.42	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	11568	0.43	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.008	75	783	0.41	ug/L	90
69) 1,3,5-Trichlorobenzene	13.227	180	9632	0.43	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	7325	0.40	ug/L	93
71) Naphthalene	14.095	128	9975	0.32	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	6477	0.37	ug/L	96

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

