

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111521\
 Data File : VU045787.D
 Acq On : 15 Nov 2021 11:51
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005036

Quant Time: Nov 16 02:24:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:21:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98420	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98883	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	50106	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41920	5.117	ug/L	0.00
7) Chloroethane-d5	1.916	69	32048	5.901	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	18270	5.598	ug/L	0.00
20) 2-Butanone-d5	4.642	46	113686	47.789	ug/L	0.00
24) Chloroform-d	5.070	84	69917	5.163	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	40619	5.725	ug/L	0.00
32) Benzene-d6	5.732	84	147806	5.170	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	45895	4.818	ug/L	0.00
41) Toluene-d8	7.902	98	133331	5.031	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	18631	4.850	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	86854	41.654	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39481	4.729	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	45504	4.811	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	42525	4.964	ug/L	100
3) Chloromethane	1.520	50	44835	4.471	ug/L	100
5) Vinyl chloride	1.604	62	45907	4.751	ug/L	100
6) Bromomethane	1.861	94	26405	5.785	ug/L	100
8) Chloroethane	1.938	64	26285	5.715	ug/L	100
9) Trichlorofluoromethane	2.141	101	58445	6.665	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	34361	5.373	ug/L	100
12) 1,1-Dichloroethene	2.581	96	32274	5.205	ug/L	100
13) Acetone	2.658	43	62474	49.618	ug/L	100
14) Carbon disulfide	2.797	76	99772	4.681	ug/L	100
15) Methyl Acetate	2.961	43	16008	4.892	ug/L	100
16) Methylene chloride	3.051	84	38817	4.935	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	86218	4.960	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	33737	4.927	ug/L	100
19) 1,1-Dichloroethane	3.874	63	64246	5.098	ug/L	100
21) 2-Butanone	4.723	43	112862	52.461	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	37410	5.121	ug/L	100
23) Bromochloromethane	4.980	128	17026	5.392	ug/L	100
25) Chloroform	5.092	83	68859	5.492	ug/L	100
27) 1,2-Dichloroethane	5.800	62	44558	5.765	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	56133	5.507	ug/L	100
30) Cyclohexane	5.391	56	55516	4.665	ug/L	100
31) Carbon tetrachloride	5.530	117	47856	5.674	ug/L	100
33) Benzene	5.780	78	145334	5.018	ug/L	100
34) Trichloroethene	6.546	95	35982	4.762	ug/L	100
35) Methylcyclohexane	6.767	83	56907	4.463	ug/L	100
37) 1,2-Dichloropropane	6.793	63	38438	4.945	ug/L	100
38) Bromodichloromethane	7.112	83	47198	5.332	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	53689	4.841	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	260435	50.014	ug/L	100
42) Toluene	7.973	91	154954	4.898	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	47633	4.887	ug/L	100

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45) 1,1,2-Trichloroethane	8.404	97	28314	5.049	ug/L	100
47) Tetrachloroethene	8.555	164	26140	4.879	ug/L	100
48) 2-Hexanone	8.687	43	195917	51.187	ug/L	100
49) Dibromochloromethane	8.812	129	32245	5.666	ug/L	100
50) 1,2-Dibromoethane	8.928	107	27349	5.375	ug/L	100
51) Chlorobenzene	9.449	112	93947	4.987	ug/L	100
52) Ethylbenzene	9.574	91	157686	4.825	ug/L	100
53) m,p-Xylene	9.697	106	62885	4.939	ug/L	100
54) o-Xylene	10.105	106	60154	4.839	ug/L	100
55) Styrene	10.118	104	104521	5.037	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	36170	4.813	ug/L	100
59) Bromoform	10.295	173	17495	5.450	ug/L	100
60) Isopropylbenzene	10.488	105	159726	4.932	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	26863	4.834	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	130204	4.813	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	132516	4.877	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	72176	4.883	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	72486	4.870	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	70398	4.920	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	5708	4.676	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	52598	4.837	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	44405	4.622	ug/L	100
71) Naphthalene	14.089	128	91632	4.486	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	44018	4.799	ug/L	100

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

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