

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051905.D
 Acq On : 18 Nov 2022 15:08
 Operator : JC/MD
 Sample : VSTD00169
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001069

Quant Time: Nov 18 22:00:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 21:59:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	239616	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	243414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	22118	0.949	ug/L	0.00
7) Chloroethane-d5	1.912	69	17795	0.983	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	8016	0.959	ug/L	0.00
20) 2-Butanone-d5	4.652	46	37992	8.934	ug/L	0.02
24) Chloroform-d	5.063	84	32985	0.963	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	16700	0.965	ug/L	0.00
32) Benzene-d6	5.729	84	66053	0.914	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	20693	0.925	ug/L	0.00
41) Toluene-d8	7.896	98	58502	0.895	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	6853	0.841	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	25817	7.475	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	17902	0.923	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	19972	0.968	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	20090	0.967	ug/L	100
3) Chloromethane	1.523	50	27473	1.013	ug/L	96
5) Vinyl chloride	1.604	62	25332	0.972	ug/L	95
6) Bromomethane	1.858	94	12817	0.958	ug/L	98
8) Chloroethane	1.935	64	16903	1.043	ug/L	98
9) Trichlorofluoromethane	2.138	101	27154	0.947	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	16913	0.965	ug/L	99
12) 1,1-Dichloroethene	2.581	96	16608	0.955	ug/L	84
13) Acetone	2.655	43	28060	9.781	ug/L	97
14) Carbon disulfide	2.793	76	58317	0.969	ug/L	100
15) Methyl Acetate	2.964	43	7984	1.073	ug/L	91
16) Methylene chloride	3.047	84	24398	1.038	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	37020	0.951	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	18369	0.986	ug/L	93
19) 1,1-Dichloroethane	3.871	63	31884	0.949	ug/L	95
21) 2-Butanone	4.726	43	40634	8.840	ug/L	94
22) cis-1,2-Dichloroethene	4.668	96	18039	0.922	ug/L	96
23) Bromochloromethane	4.977	128	9322	0.996	ug/L	96
25) Chloroform	5.089	83	32955	0.968	ug/L	97
27) 1,2-Dichloroethane	5.793	62	20362	0.977	ug/L #	93
29) 1,1,1-Trichloroethane	5.317	97	24296	0.900	ug/L	94
30) Cyclohexane	5.388	56	21097	0.805	ug/L	99
31) Carbon tetrachloride	5.523	117	21520	0.938	ug/L	99
33) Benzene	5.774	78	73428	0.927	ug/L	100
34) Trichloroethene	6.543	95	18442	0.933	ug/L	100
35) Methylcyclohexane	6.761	83	22602	0.795	ug/L	98
37) 1,2-Dichloropropane	6.790	63	19149	0.934	ug/L	99
38) Bromodichloromethane	7.105	83	23888	0.955	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	22779	0.865	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	88538	8.264	ug/L	96
42) Toluene	7.967	91	70572	0.866	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	19970	0.886	ug/L	98

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45) 1,1,2-Trichloroethane	8.398	97	14515	0.942	ug/L	98
47) Tetrachloroethene	8.552	164	13945	0.921	ug/L	91
48) 2-Hexanone	8.687	43	64574	8.180	ug/L	96
49) Dibromochloromethane	8.809	129	15479	0.897	ug/L	91
50) 1,2-Dibromoethane	8.922	107	13337	0.950	ug/L #	97
51) Chlorobenzene	9.446	112	47666	0.917	ug/L	98
52) Ethylbenzene	9.568	91	65390	0.825	ug/L	97
53) m,p-Xylene	9.694	106	22849	0.745	ug/L	85
54) o-Xylene	10.099	106	22490	0.765	ug/L	96
55) Styrene	10.115	104	36673	0.739	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	17923	0.931	ug/L	97
59) Bromoform	10.292	173	8646	0.975	ug/L	94
60) Isopropylbenzene	10.484	105	57198	0.845	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	13009	1.055	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	42022	0.777	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	40423	0.753	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	31784	0.920	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	32581	0.946	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	31032	0.933	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	2578	0.956	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	21908	0.894	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	15727	0.843	ug/L	99
71) Naphthalene	14.089	128	26111	0.745	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	15790	0.860	ug/L	99

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

