

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049105.D
 Acq On : 14 Jun 2022 11:08
 Operator : SY/MD
 Sample : VSTD00133
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001033

Quant Time: Jun 15 02:49:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 02:48:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	139666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	129004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61666	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	11152	1.522	ug/L	0.00
7) Chloroethane-d5	1.912	69	7925	1.124	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	4706	1.344	ug/L	0.00
20) 2-Butanone-d5	4.645	46	26372	8.587	ug/L	0.00
24) Chloroform-d	5.067	84	18323	0.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	9923	0.911	ug/L	0.00
32) Benzene-d6	5.729	84	36422	1.030	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	12655	1.043	ug/L	0.00
41) Toluene-d8	7.899	98	32967	1.093	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5288	1.212	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	20528	9.369	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	9462	0.913	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	11209	0.971	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	9439	0.642	ug/L	93
3) Chloromethane	1.520	50	12359	0.915	ug/L	100
5) Vinyl chloride	1.604	62	10326	0.834	ug/L	94
6) Bromomethane	1.858	94	5785	0.816	ug/L	99
8) Chloroethane	1.935	64	5818	0.865	ug/L	100
9) Trichlorofluoromethane	2.138	101	11737	0.736	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	6733	0.784	ug/L	99
12) 1,1-Dichloroethene	2.581	96	6720	0.791	ug/L	89
13) Acetone	2.652	43	13479	8.620	ug/L	98
14) Carbon disulfide	2.793	76	22715	0.782	ug/L	99
15) Methyl Acetate	2.961	43	3541	0.843	ug/L #	73
16) Methylene chloride	3.047	84	10585	1.005	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	20843	0.882	ug/L	96
18) trans-1,2-Dichloroethene	3.359	96	7360	0.793	ug/L	91
19) 1,1-Dichloroethane	3.871	63	15236	0.846	ug/L	97
21) 2-Butanone	4.729	43	22617	7.977	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	9151	0.829	ug/L	84
23) Bromochloromethane	4.980	128	3828	0.808	ug/L	93
25) Chloroform	5.092	83	15548	0.823	ug/L	98
27) 1,2-Dichloroethane	5.797	62	9907	0.787	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	13309	0.813	ug/L	98
30) Cyclohexane	5.388	56	14326	0.961	ug/L	97
31) Carbon tetrachloride	5.526	117	10900	0.759	ug/L	97
33) Benzene	5.777	78	32075	0.820	ug/L	100
34) Trichloroethene	6.546	95	8437	0.837	ug/L	96
35) Methylcyclohexane	6.761	83	13477	0.882	ug/L	97
37) 1,2-Dichloropropane	6.793	63	9208	0.894	ug/L #	94
38) Bromodichloromethane	7.105	83	10929	0.804	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	14062	0.974	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	64811	9.574	ug/L	100
42) Toluene	7.970	91	36184	0.913	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	11967	0.933	ug/L	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	6526	0.897	ug/L	100
47) Tetrachloroethene	8.555	164	5696	0.731	ug/L	96
48) 2-Hexanone	8.690	43	44654	8.973	ug/L	99
49) Dibromochloromethane	8.809	129	7220	0.792	ug/L	97
50) 1,2-Dibromoethane	8.928	107	5693	0.797	ug/L	98
51) Chlorobenzene	9.449	112	21927	0.851	ug/L	95
52) Ethylbenzene	9.571	91	38255	0.927	ug/L	95
53) m,p-Xylene	9.693	106	14285	0.868	ug/L	97
54) o-Xylene	10.099	106	14194	0.888	ug/L	95
55) Styrene	10.115	104	22864	0.859	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	8313	0.878	ug/L #	98
59) Bromoform	10.291	173	3988	0.789	ug/L	95
60) Isopropylbenzene	10.484	105	36702	0.948	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	6191	0.922	ug/L	94
62) 1,3,5-Trimethylbenzene	11.089	105	32118	0.979	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	31463	0.961	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	15620	0.833	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	15874	0.866	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	14819	0.821	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	1503	0.907	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	11241	0.798	ug/L	95
70) 1,2,4-trichlorobenzene	13.841	180	8886	0.796	ug/L	98
71) Naphthalene	14.092	128	17170	0.762	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	8445	0.798	ug/L	96

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

