

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051565.D
 Acq On : 28 Oct 2022 13:35
 Operator : JC/MD
 Sample : VSTD00163
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001063

Quant Time: Oct 28 22:30:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	210951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	15418	0.970	ug/L	0.00
7) Chloroethane-d5	1.912	69	16001	0.966	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	5612	0.973	ug/L	0.00
20) 2-Butanone-d5	4.642	46	47234	8.209	ug/L	0.00
24) Chloroform-d	5.063	84	34066	0.916	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	18918	0.942	ug/L	0.00
32) Benzene-d6	5.726	84	62232	0.911	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	21303	0.892	ug/L	0.00
41) Toluene-d8	7.896	98	45690	0.851	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6339	0.868	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	30180	6.867	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	19729	0.902	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	16246	0.900	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	21488	0.931	ug/L	99
3) Chloromethane	1.523	50	29070	1.000	ug/L	96
5) Vinyl chloride	1.601	62	25840	0.928	ug/L	97
6) Bromomethane	1.855	94	12219	0.925	ug/L	97
8) Chloroethane	1.932	64	16137	0.954	ug/L	99
9) Trichlorofluoromethane	2.138	101	28527	0.933	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	16565	0.921	ug/L	94
12) 1,1-Dichloroethene	2.578	96	17209	0.938	ug/L	95
13) Acetone	2.649	43	27200	9.317	ug/L	99
14) Carbon disulfide	2.790	76	55414	0.937	ug/L	99
15) Methyl Acetate	2.967	43	7198	0.942	ug/L	# 90
16) Methylene chloride	3.044	84	30126	1.003	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	36308	0.863	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	18248	0.927	ug/L	95
19) 1,1-Dichloroethane	3.871	63	32780	0.903	ug/L	99
21) 2-Butanone	4.723	43	38601	8.443	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	19205	0.882	ug/L	99
23) Bromochloromethane	4.973	128	9636	0.946	ug/L	94
25) Chloroform	5.086	83	35630	0.946	ug/L	96
27) 1,2-Dichloroethane	5.793	62	21625	0.933	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	26827	0.913	ug/L	99
30) Cyclohexane	5.385	56	21720	0.803	ug/L	99
31) Carbon tetrachloride	5.523	117	23417	0.932	ug/L	98
33) Benzene	5.774	78	75951	0.890	ug/L	100
34) Trichloroethene	6.542	95	18852	0.915	ug/L	98
35) Methylcyclohexane	6.761	83	21686	0.761	ug/L	95
37) 1,2-Dichloropropane	6.790	63	19686	0.896	ug/L	100
38) Bromodichloromethane	7.102	83	24189	0.902	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	23768	0.844	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	85919	7.800	ug/L	97
42) Toluene	7.967	91	73058	0.833	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	19172	0.814	ug/L	98

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45) 1,1,2-Trichloroethane	8.398	97	14564	0.905	ug/L	99
47) Tetrachloroethene	8.552	164	13934	0.883	ug/L	88
48) 2-Hexanone	8.687	43	65444	8.026	ug/L	94
49) Dibromochloromethane	8.806	129	16488	0.897	ug/L	96
50) 1,2-Dibromoethane	8.922	107	13186	0.908	ug/L	98
51) Chlorobenzene	9.446	112	48680	0.882	ug/L	99
52) Ethylbenzene	9.568	91	67054	0.793	ug/L	98
53) m,p-Xylene	9.693	106	23773	0.723	ug/L	90
54) o-Xylene	10.099	106	24014	0.748	ug/L	99
55) Styrene	10.115	104	37541	0.699	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	17938	0.899	ug/L	94
59) Bromoform	10.288	173	8890	0.978	ug/L	99
60) Isopropylbenzene	10.481	105	57622	0.802	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	12137	0.954	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	15875	0.821	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	40605	0.728	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	32695	0.914	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	31084	0.867	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	31039	0.891	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	2252	0.860	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	22241	0.873	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	15696	0.802	ug/L	95
71) Naphthalene	14.089	128	25550	0.700	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	15590	0.789	ug/L	97

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

