

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102722\
 Data File : VU051538.D
 Acq On : 27 Oct 2022 14:03
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

Quant Time: Oct 28 00:02:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 08:11:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	313880	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	307911	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	155107	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94945	3.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.909	69	92440	4.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.562	65	35800	3.577	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.620	46	265326	47.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.200%
24) Chloroform-d	5.063	84	198961	4.215	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.700	65	99377	4.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.726	84	387707	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.690	67	126021	4.381	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.896	98	333320	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.179	79	39580	4.188	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.629	63	220218	69.134	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.260%#
56) 1,1,2,2-Tetrachloroeth...	10.755	84	105427	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	120075	4.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	148546	5.802	ug/L	98
3) Chloromethane	1.527	50	167604	4.662	ug/L	99
5) Vinyl chloride	1.601	62	163865	4.647	ug/L	100
6) Bromomethane	1.848	94	101706	5.296	ug/L	99
8) Chloroethane	1.929	64	95822	4.261	ug/L	100
9) Trichlorofluoromethane	2.134	101	188583	4.640	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	112049	4.593	ug/L	95
12) 1,1-Dichloroethene	2.578	96	114260	4.992	ug/L #	78
13) Acetone	2.623	43	157995	37.789	ug/L	95
14) Carbon disulfide	2.790	76	362727	5.174	ug/L	98
15) Methyl Acetate	2.948	43	41575	4.091	ug/L	91
16) Methylene chloride	3.041	84	168595	4.988	ug/L	95
17) Methyl tert-butyl Ether	3.363	73	272420	5.196	ug/L	95
18) trans-1,2-Dichloroethene	3.350	96	124667	5.177	ug/L	94
19) 1,1-Dichloroethane	3.867	63	220725	4.442	ug/L	99
21) 2-Butanone	4.700	43	276214	41.920	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	137946	5.172	ug/L	94
23) Bromochloromethane	4.973	128	63380	4.980	ug/L	92
25) Chloroform	5.086	83	227184	4.377	ug/L	100

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Quant Time: Oct 28 00:02:52 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	136123	4.378	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	181762	4.927	ug/L	97
30) Cyclohexane	5.385	56	178601	5.708	ug/L	99
31) Carbon tetrachloride	5.523	117	154713	4.956	ug/L	97
33) Benzene	5.771	78	532004	5.175	ug/L	100
34) Trichloroethene	6.539	95	127493	4.972	ug/L	93
35) Methylcyclohexane	6.761	83	190169	5.878	ug/L	94
37) 1,2-Dichloropropane	6.790	63	134207	4.763	ug/L	99
38) Bromodichloromethane	7.105	83	161687	4.811	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	176573	5.214	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	688140	46.554	ug/L	95
42) Toluene	7.967	91	573189	5.253	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	149101	5.091	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	98956	5.002	ug/L	95
47) Tetrachloroethene	8.552	164	99702	5.288	ug/L	98
48) 2-Hexanone	8.681	43	488070	44.345	ug/L #	97
49) Dibromochloromethane	8.809	129	113119	5.093	ug/L	100
50) 1,2-Dibromoethane	8.922	107	91525	5.198	ug/L	96
51) Chlorobenzene	9.446	112	349942	5.368	ug/L	98
52) Ethylbenzene	9.568	91	560793	5.719	ug/L	98
53) m,p-Xylene	9.690	106	228054	5.997	ug/L	98
54) o-Xylene	10.099	106	219470	6.099	ug/L	98
55) Styrene	10.111	104	369033	5.958	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	118494	4.839	ug/L	99
59) Bromoform	10.288	173	62845	4.870	ug/L	99
60) Isopropylbenzene	10.481	105	553472	5.634	ug/L	97
61) 1,2,3-Trichloropropane	10.822	75	82574	4.216	ug/L	97
62) 1,3,5-Trimethylbenzene	11.086	105	149094	5.721	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	440644	5.979	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	261600	5.383	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	252604	5.274	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	250093	5.294	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	17663	4.715	ug/L	87
69) 1,3,5-Trichlorobenzene	13.217	180	183747	5.486	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	138994	5.838	ug/L	96
71) Naphthalene	14.086	128	248495	5.616	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	137334	5.577	ug/L	100

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

