

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110922\
 Data File : VU051790.D
 Acq On : 09 Nov 2022 10:06
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

Quant Time: Nov 10 01:01:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222758	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225791	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85224	5.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.913	69	77332	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.565	65	35149	5.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.400%
20) 2-Butanone-d5	4.620	46	220066	36.219	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.440%
24) Chloroform-d	5.064	84	174510	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.700	65	87259	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.726	84	353835	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.690	67	110613	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.896	98	338009	6.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.600%
43) trans-1,3-Dichloroprop...	8.179	79	39869	5.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.629	63	185843	40.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101474	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	122636	5.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	115743	4.751	ug/L	99
3) Chloromethane	1.523	50	110232	3.589	ug/L	97
5) Vinyl chloride	1.604	62	125646	4.271	ug/L	92
6) Bromomethane	1.855	94	84407	6.051	ug/L	93
8) Chloroethane	1.932	64	76538	4.285	ug/L	100
9) Trichlorofluoromethane	2.138	101	164755	5.102	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	103119	5.432	ug/L	99
12) 1,1-Dichloroethene	2.581	96	90979	4.698	ug/L	97
13) Acetone	2.626	43	168283	54.587	ug/L	100
14) Carbon disulfide	2.794	76	224787	3.601	ug/L	98
15) Methyl Acetate	2.951	43	42013	5.205	ug/L	99
16) Methylene chloride	3.044	84	118017	3.721	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	223665	5.037	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	96088	4.623	ug/L	100
19) 1,1-Dichloroethane	3.867	63	191793	5.003	ug/L	98
21) 2-Butanone	4.700	43	272341	56.411	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	112713	4.901	ug/L	97
23) Bromochloromethane	4.973	128	53660	4.990	ug/L	97
25) Chloroform	5.086	83	207900	5.228	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	120461	4.922	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	161090	5.255	ug/L	98
30) Cyclohexane	5.388	56	130865	4.636	ug/L	99
31) Carbon tetrachloride	5.523	117	133248	5.082	ug/L	100
33) Benzene	5.774	78	437169	4.906	ug/L	100
34) Trichloroethene	6.543	95	107292	4.990	ug/L	98
35) Methylcyclohexane	6.764	83	145047	4.879	ug/L	99
37) 1,2-Dichloropropane	6.790	63	116900	5.101	ug/L	100
38) Bromodichloromethane	7.105	83	147441	5.267	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	147975	5.033	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	659910	57.408	ug/L	99
42) Toluene	7.970	91	472162	5.160	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	133708	5.442	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	91790	5.466	ug/L	98
47) Tetrachloroethene	8.552	164	83674	5.081	ug/L	94
48) 2-Hexanone	8.681	43	501996	58.998	ug/L	99
49) Dibromochloromethane	8.809	129	104674	5.456	ug/L	100
50) 1,2-Dibromoethane	8.922	107	81085	5.352	ug/L	92
51) Chlorobenzene	9.446	112	300094	5.210	ug/L	99
52) Ethylbenzene	9.568	91	468323	5.304	ug/L	100
53) m,p-Xylene	9.694	106	187560	5.469	ug/L	99
54) o-Xylene	10.099	106	181988	5.430	ug/L	98
55) Styrene	10.112	104	323676	5.776	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	121278	5.824	ug/L	100
59) Bromoform	10.288	173	58957	5.342	ug/L	98
60) Isopropylbenzene	10.485	105	476438	5.463	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	82774	5.359	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	123644	5.267	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	356672	5.269	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	245484	5.654	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	247359	5.683	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	233626	5.525	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	17704	5.566	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	181083	5.852	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	144332	6.076	ug/L	98
71) Naphthalene	14.086	128	247224	5.575	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	141082	5.881	ug/L	98

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

