

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051365.D
 Acq On : 11 Oct 2022 07:26
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005173

Quant Time: Oct 11 08:18:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 02:38:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200963	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	220717	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113209	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59891	3.695	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.909	69	59581	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.565	65	25694	4.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.620	46	185038	51.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.700%
24) Chloroform-d	5.063	84	153362	5.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.700	65	77301	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.726	84	271288	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.687	67	93625	4.540	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.896	98	253825	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	8.179	79	31153	4.598	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.629	63	113534	49.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	84942	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	90713	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	81022	4.942	ug/L	98
3) Chloromethane	1.520	50	112846	4.902	ug/L	98
5) Vinyl chloride	1.604	62	111718	4.948	ug/L	97
6) Bromomethane	1.854	94	64364	5.235	ug/L	100
8) Chloroethane	1.932	64	74456	5.171	ug/L	100
9) Trichlorofluoromethane	2.137	101	130383	5.010	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	73754	4.722	ug/L	99
12) 1,1-Dichloroethene	2.578	96	71124	4.853	ug/L	93
13) Acetone	2.623	43	132047	49.329	ug/L	96
14) Carbon disulfide	2.790	76	218832	4.875	ug/L	99
15) Methyl Acetate	2.948	43	33952	5.217	ug/L	99
16) Methylene chloride	3.041	84	110372	5.100	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	160802	4.790	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	77333	5.016	ug/L	97
19) 1,1-Dichloroethane	3.867	63	167451	5.263	ug/L	99
21) 2-Butanone	4.700	43	210547	49.908	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	87215	5.107	ug/L	97
23) Bromochloromethane	4.973	128	42530	5.219	ug/L	98
25) Chloroform	5.086	83	174824	5.261	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107215	5.386	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	128335	4.853	ug/L	97
30) Cyclohexane	5.385	56	91517	4.080	ug/L	98
31) Carbon tetrachloride	5.523	117	108355	4.842	ug/L	98
33) Benzene	5.771	78	366036	4.968	ug/L	100
34) Trichloroethene	6.539	95	84248	4.583	ug/L	99
35) Methylcyclohexane	6.764	83	92983	4.009	ug/L	97
37) 1,2-Dichloropropane	6.790	63	100549	4.979	ug/L	100
38) Bromodichloromethane	7.105	83	122967	5.104	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	105806	4.359	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	509279	48.064	ug/L	99
42) Toluene	7.967	91	381643	4.880	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	98278	4.682	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	71806	5.064	ug/L	99
47) Tetrachloroethene	8.552	164	60340	4.465	ug/L	99
48) 2-Hexanone	8.681	43	400437	50.756	ug/L	97
49) Dibromochloromethane	8.806	129	78746	4.946	ug/L	95
50) 1,2-Dibromoethane	8.922	107	63946	5.066	ug/L	97
51) Chlorobenzene	9.446	112	234522	5.018	ug/L	99
52) Ethylbenzene	9.568	91	336858	4.793	ug/L	99
53) m,p-Xylene	9.693	106	130910	4.802	ug/L	99
54) o-Xylene	10.099	106	128122	4.967	ug/L	95
55) Styrene	10.111	104	229790	5.175	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	91631	5.220	ug/L	98
59) Bromoform	10.288	173	42789	4.543	ug/L	99
60) Isopropylbenzene	10.481	105	322361	4.496	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	62929	4.402	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	78327	4.118	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	223677	4.158	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	171355	4.831	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	168697	4.826	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	163930	4.754	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	12886	4.713	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	114925	4.701	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	82176	4.729	ug/L	99
71) Naphthalene	14.086	128	124068	3.841	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	80486	4.478	ug/L	100

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

