

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051243.D
 Acq On : 08 Oct 2022 01:35
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005166

Quant Time: Oct 08 01:48:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 00:50:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	206541	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	219139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	105807	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	67814	4.070	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.909	69	65170	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.562	65	26737	4.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	4.636	46	193484	52.748	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.500%
24) Chloroform-d	5.060	84	149710	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.700	65	78031	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.726	84	280500	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.690	67	95439	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	260548	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.179	79	32474	4.828	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.632	63	118813	52.410	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.820%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81489	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	84997	4.622	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	66295	3.935	ug/L	99
3) Chloromethane	1.520	50	105607	4.464	ug/L	98
5) Vinyl chloride	1.601	62	99589	4.292	ug/L	98
6) Bromomethane	1.855	94	63385	5.016	ug/L	98
8) Chloroethane	1.932	64	68698	4.642	ug/L	99
9) Trichlorofluoromethane	2.134	101	109676	4.101	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	61368	3.823	ug/L	99
12) 1,1-Dichloroethene	2.575	96	62930	4.178	ug/L	99
13) Acetone	2.646	43	141316	51.366	ug/L	99
14) Carbon disulfide	2.790	76	194807	4.223	ug/L	100
15) Methyl Acetate	2.957	43	34137	5.104	ug/L	97
16) Methylene chloride	3.041	84	108572	4.882	ug/L	96
17) Methyl tert-butyl Ether	3.363	73	164853	4.778	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	72419	4.570	ug/L	94
19) 1,1-Dichloroethane	3.867	63	153723	4.701	ug/L	99
21) 2-Butanone	4.713	43	224111	51.689	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	81926	4.668	ug/L	97
23) Bromochloromethane	4.973	128	40798	4.872	ug/L	97
25) Chloroform	5.086	83	162047	4.744	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	101662	4.969	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	116164	4.424	ug/L	97
30) Cyclohexane	5.385	56	78974	3.546	ug/L	99
31) Carbon tetrachloride	5.523	117	92631	4.169	ug/L	99
33) Benzene	5.771	78	341151	4.663	ug/L	100
34) Trichloroethene	6.539	95	79800	4.373	ug/L	98
35) Methylcyclohexane	6.761	83	78125	3.393	ug/L	97
37) 1,2-Dichloropropane	6.790	63	94959	4.736	ug/L	99
38) Bromodichloromethane	7.105	83	114972	4.807	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	107325	4.453	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	539062	51.241	ug/L	99
42) Toluene	7.967	91	359553	4.630	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	98378	4.720	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	68967	4.899	ug/L	98
47) Tetrachloroethene	8.552	164	54293	4.046	ug/L	98
48) 2-Hexanone	8.684	43	427732	54.606	ug/L	97
49) Dibromochloromethane	8.806	129	75790	4.794	ug/L	99
50) 1,2-Dibromoethane	8.922	107	61645	4.919	ug/L	99
51) Chlorobenzene	9.446	112	216354	4.663	ug/L	98
52) Ethylbenzene	9.568	91	308557	4.422	ug/L	96
53) m,p-Xylene	9.694	106	119440	4.413	ug/L	100
54) o-Xylene	10.099	106	117027	4.570	ug/L	99
55) Styrene	10.115	104	210043	4.765	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	83905	4.815	ug/L	100
59) Bromoform	10.288	173	40287	4.577	ug/L	98
60) Isopropylbenzene	10.481	105	287480	4.290	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	63038	4.718	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	69715	3.921	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	204222	4.062	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	150203	4.531	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	149044	4.562	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	150792	4.679	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	12983	5.080	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	99430	4.351	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	74233	4.571	ug/L	97
71) Naphthalene	14.086	128	130451	4.322	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	76915	4.578	ug/L	98

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

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