

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049928.D
 Acq On : 26 Jul 2022 21:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005132

Quant Time: Jul 27 04:00:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 03:55:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92239	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90513	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	47146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	31345	4.198	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.913	69	26351	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.565	65	13714	4.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.633	46	133623	49.732	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	5.064	84	76785	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.704	65	42177	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.726	84	128200	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.691	67	46119	4.328	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.900	98	111076	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.179	79	15018	3.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.636	63	70432	45.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.900%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	43371	4.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	42231	4.340	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56266	5.778	ug/L	97
3) Chloromethane	1.520	50	54391	4.540	ug/L	99
5) Vinyl chloride	1.601	62	52073	5.198	ug/L	99
6) Bromomethane	1.858	94	23741	4.383	ug/L	93
8) Chloroethane	1.932	64	26558	4.601	ug/L	97
9) Trichlorofluoromethane	2.135	101	68704	5.579	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	35655	5.920	ug/L	99
12) 1,1-Dichloroethene	2.578	96	30964	5.080	ug/L	88
13) Acetone	2.646	43	77198	47.768	ug/L	97
14) Carbon disulfide	2.790	76	93952	4.983	ug/L	98
15) Methyl Acetate	2.958	43	18157	4.507	ug/L	94
16) Methylene chloride	3.044	84	44181	3.214	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	89602	4.538	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	33649	4.776	ug/L	98
19) 1,1-Dichloroethane	3.871	63	74429	4.888	ug/L	98
21) 2-Butanone	4.710	43	132151	48.214	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	38757	4.750	ug/L	98
23) Bromochloromethane	4.977	128	18043	4.950	ug/L	94
25) Chloroform	5.089	83	77692	4.810	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.794	62	49472	4.459	ug/L	97
29) 1,1,1-Trichloroethane	5.318	97	64408	5.069	ug/L	99
30) Cyclohexane	5.388	56	56252	5.467	ug/L	99
31) Carbon tetrachloride	5.523	117	54260	5.259	ug/L	98
33) Benzene	5.774	78	156592	4.768	ug/L	100
34) Trichloroethene	6.543	95	38520	4.837	ug/L	97
35) Methylcyclohexane	6.761	83	52468	5.342	ug/L	98
37) 1,2-Dichloropropane	6.790	63	45168	4.825	ug/L	99
38) Bromodichloromethane	7.105	83	54971	4.700	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	51155	4.147	ug/L	94
40) 4-Methyl-2-pentanone	7.793	43	306956	47.012	ug/L	100
42) Toluene	7.967	91	160865	4.897	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	44748	4.202	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	30886	4.623	ug/L	96
47) Tetrachloroethene	8.552	164	26591	4.851	ug/L	98
48) 2-Hexanone	8.687	43	244430	50.158	ug/L	96
49) Dibromochloromethane	8.810	129	35792	4.793	ug/L	95
50) 1,2-Dibromoethane	8.925	107	28060	4.730	ug/L	99
51) Chlorobenzene	9.446	112	96009	4.604	ug/L	97
52) Ethylbenzene	9.572	91	164222	4.862	ug/L	100
53) m,p-Xylene	9.694	106	59966	4.826	ug/L	95
54) o-Xylene	10.099	106	58932	4.800	ug/L	96
55) Styrene	10.115	104	100569	4.836	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.781	83	42679	4.946	ug/L	97
59) Bromoform	10.292	173	19996	4.873	ug/L	98
60) Isopropylbenzene	10.485	105	155580	4.988	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	29089	4.631	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	125551	4.764	ug/L	97
63) 1,2,4-Trimethylbenzene	11.469	105	118835	4.646	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	72832	4.723	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	71298	4.673	ug/L	99
67) 1,2-Dichlorobenzene	12.215	146	72394	4.752	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.996	75	6801	4.840	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	50499	4.436	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	39413	4.123	ug/L	99
71) Naphthalene	14.086	128	69058	3.705	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	39049	4.250	ug/L	97

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

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