

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049133.D
 Acq On : 14 Jun 2022 22:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005111

Quant Time: Jun 15 03:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	143977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128330	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	61159	4.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.912	69	42665	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.568	65	23931	4.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.636	46	195132	58.091	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.180%
24) Chloroform-d	5.063	84	101417	5.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.703	65	55361	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.729	84	199128	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.690	67	67512	5.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.899	98	181154	5.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	8.179	79	27704	4.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.635	63	127267	54.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57046	5.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	66590	5.199	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	64825	5.274	ug/L	100
3) Chloromethane	1.520	50	70057	5.192	ug/L	100
5) Vinyl chloride	1.604	62	65192	5.386	ug/L	99
6) Bromomethane	1.858	94	33794	5.074	ug/L	98
8) Chloroethane	1.935	64	34889	4.980	ug/L	98
9) Trichlorofluoromethane	2.137	101	76344	5.435	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	44157	5.310	ug/L	99
12) 1,1-Dichloroethene	2.581	96	43003	5.312	ug/L	94
13) Acetone	2.649	43	97264	58.505	ug/L	99
14) Carbon disulfide	2.793	76	139112	5.202	ug/L	99
15) Methyl Acetate	2.957	43	24984	5.619	ug/L	99
16) Methylene chloride	3.044	84	50629	4.754	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	131174	5.357	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	47020	5.242	ug/L	95
19) 1,1-Dichloroethane	3.870	63	94454	5.341	ug/L	96
21) 2-Butanone	4.716	43	186178	58.730	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	51747	5.158	ug/L	99
23) Bromochloromethane	4.976	128	23438	5.458	ug/L	99
25) Chloroform	5.089	83	93127	5.246	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	63447	5.426	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	80726	5.264	ug/L	98
30) Cyclohexane	5.388	56	92907	5.330	ug/L	98
31) Carbon tetrachloride	5.526	117	70221	5.469	ug/L	97
33) Benzene	5.774	78	208995	5.473	ug/L	100
34) Trichloroethene	6.542	95	52647	5.394	ug/L	98
35) Methylcyclohexane	6.764	83	89760	5.483	ug/L	97
37) 1,2-Dichloropropane	6.790	63	57780	5.507	ug/L	100
38) Bromodichloromethane	7.105	83	69615	5.428	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	79812	5.004	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	446336	57.257	ug/L	99
42) Toluene	7.970	91	218325	5.392	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	70496	5.089	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	38719	5.294	ug/L	96
47) Tetrachloroethene	8.552	164	37883	5.628	ug/L	93
48) 2-Hexanone	8.687	43	338146	60.774	ug/L	99
49) Dibromochloromethane	8.809	129	45452	5.447	ug/L	99
50) 1,2-Dibromoethane	8.925	107	38483	5.675	ug/L	97
51) Chlorobenzene	9.446	112	132143	5.359	ug/L	97
52) Ethylbenzene	9.571	91	236104	5.339	ug/L	100
53) m,p-Xylene	9.693	106	87831	5.344	ug/L	98
54) o-Xylene	10.098	106	86994	5.339	ug/L	97
55) Styrene	10.115	104	144994	5.313	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	53102	5.486	ug/L	98
59) Bromoform	10.291	173	26383	5.262	ug/L	100
60) Isopropylbenzene	10.484	105	231445	5.090	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	38373	5.124	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	202569	5.047	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	199780	5.025	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	99071	5.091	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	95536	4.968	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	95544	5.160	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	9987	4.893	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	72798	4.989	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	60845	5.245	ug/L	98
71) Naphthalene	14.085	128	121296	5.262	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	58266	5.342	ug/L	99

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

