

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061622\
 Data File : U049234.D
 Acq On : 17 Jun 2022 03:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005118

Quant Time: Jun 17 04:14:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 02:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	114946	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	106219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36579	3.642	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.912	69	28636	4.211	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.568	65	14589	3.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.639	46	160319	59.781	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.560%
24) Chloroform-d	5.063	84	73077	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.703	65	40467	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.729	84	133132	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.690	67	47619	4.385	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.899	98	113808	3.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.182	79	16953	3.514	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.632	63	113717	58.426	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.860%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	42941	4.938	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	45028	4.273	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	49829	5.078	ug/L	100
3) Chloromethane	1.520	50	56981	5.289	ug/L	99
5) Vinyl chloride	1.604	62	54516	5.641	ug/L #	38
6) Bromomethane	1.858	94	13950	2.623	ug/L	99
8) Chloroethane	1.935	64	32316	5.777	ug/L	94
9) Trichlorofluoromethane	2.137	101	61944	5.524	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	34108	5.137	ug/L	100
12) 1,1-Dichloroethene	2.581	96	34760	5.378	ug/L	91
13) Acetone	2.652	43	87646	66.035	ug/L	99
14) Carbon disulfide	2.793	76	114598	5.368	ug/L	98
15) Methyl Acetate	2.957	43	22024	6.204	ug/L	99
16) Methylene chloride	3.047	84	44623	5.248	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	110421	5.648	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	38995	5.446	ug/L	97
19) 1,1-Dichloroethane	3.870	63	79314	5.617	ug/L	99
21) 2-Butanone	4.716	43	160155	63.281	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	43270	5.403	ug/L	100
23) Bromochloromethane	4.976	128	19310	5.632	ug/L	92
25) Chloroform	5.089	83	79057	5.578	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	54312	5.818	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	66885	5.269	ug/L	99
30) Cyclohexane	5.388	56	67578	4.684	ug/L	98
31) Carbon tetrachloride	5.526	117	53635	5.047	ug/L	98
33) Benzene	5.774	78	172798	5.467	ug/L	100
34) Trichloroethene	6.542	95	48020	5.944	ug/L	98
35) Methylcyclohexane	6.764	83	63008	4.650	ug/L	99
37) 1,2-Dichloropropane	6.790	63	48706	5.608	ug/L	99
38) Bromodichloromethane	7.108	83	58746	5.534	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	65806	4.985	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	385527	59.751	ug/L	98
42) Toluene	7.970	91	178334	5.321	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	54502	4.753	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	34053	5.625	ug/L	96
47) Tetrachloroethene	8.555	164	28726	5.156	ug/L	98
48) 2-Hexanone	8.684	43	275629	59.850	ug/L	99
49) Dibromochloromethane	8.809	129	37993	5.501	ug/L	97
50) 1,2-Dibromoethane	8.925	107	32320	5.759	ug/L	99
51) Chlorobenzene	9.446	112	108909	5.337	ug/L	99
52) Ethylbenzene	9.571	91	185605	5.070	ug/L	98
53) m,p-Xylene	9.693	106	69670	5.121	ug/L	100
54) o-Xylene	10.098	106	69138	5.126	ug/L	99
55) Styrene	10.115	104	117962	5.222	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	46469	5.800	ug/L	97
59) Bromoform	10.291	173	21585	5.233	ug/L	98
60) Isopropylbenzene	10.484	105	179263	4.793	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33611	5.455	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	156149	4.730	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	157914	4.828	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	84001	5.247	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	82276	5.200	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	80808	5.305	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	8081	4.813	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	61467	5.121	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	53130	5.568	ug/L	98
71) Naphthalene	14.085	128	104947	5.534	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	50990	5.683	ug/L	97

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

