

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047451.D
 Acq On : 10 Mar 2022 11:10
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005093

Quant Time: Mar 11 00:18:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	146771	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	141971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39526	4.965	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.919	69	30389	5.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.571	65	18040	5.131	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	4.645	46	77658	54.795	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.600%
24) Chloroform-d	5.067	84	68238	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.706	65	33060	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.732	84	137088	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.693	67	40746	5.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.899	98	133642	5.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.182	79	16551	4.934	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.636	63	78068	52.835	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35744	5.192	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	51046	5.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	55957	5.092	ug/L	98
3) Chloromethane	1.523	50	53966	4.918	ug/L	98
5) Vinyl chloride	1.607	62	57232	5.302	ug/L	100
6) Bromomethane	1.861	94	17665	2.870	ug/L	100
8) Chloroethane	1.941	64	35882	5.473	ug/L	98
9) Trichlorofluoromethane	2.144	101	74203	5.217	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	44948	5.119	ug/L	97
12) 1,1-Dichloroethene	2.584	96	44852	5.205	ug/L #	86
13) Acetone	2.661	43	68508	52.612	ug/L	93
14) Carbon disulfide	2.800	76	135518	5.123	ug/L	99
15) Methyl Acetate	2.964	43	19003	5.523	ug/L	100
16) Methylene chloride	3.054	84	53591	5.210	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	122111	5.495	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	48530	5.260	ug/L	99
19) 1,1-Dichloroethane	3.874	63	85709	5.462	ug/L	99
21) 2-Butanone	4.722	43	130712	55.742	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	54420	5.323	ug/L	98
23) Bromochloromethane	4.980	128	26829	5.493	ug/L	95
25) Chloroform	5.092	83	91341	5.376	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	60494	5.531	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	79148	5.396	ug/L	98
30) Cyclohexane	5.391	56	72197	5.109	ug/L	99
31) Carbon tetrachloride	5.530	117	67870	5.268	ug/L	98
33) Benzene	5.777	78	202670	5.286	ug/L	100
34) Trichloroethene	6.546	95	53116	5.182	ug/L	99
35) Methylcyclohexane	6.764	83	75933	4.696	ug/L	99
37) 1,2-Dichloropropane	6.793	63	51862	5.431	ug/L	99
38) Bromodichloromethane	7.108	83	67497	5.324	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	72373	4.999	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	351994	54.074	ug/L	99
42) Toluene	7.970	91	222939	5.352	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	64163	4.914	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	42950	5.488	ug/L	97
47) Tetrachloroethene	8.555	164	43435	4.995	ug/L	97
48) 2-Hexanone	8.687	43	259976	55.048	ug/L	99
49) Dibromochloromethane	8.812	129	50544	5.317	ug/L	99
50) 1,2-Dibromoethane	8.925	107	41873	5.258	ug/L	98
51) Chlorobenzene	9.449	112	146620	5.262	ug/L	99
52) Ethylbenzene	9.571	91	233027	5.166	ug/L	99
53) m,p-Xylene	9.693	106	91239	5.156	ug/L	98
54) o-Xylene	10.102	106	89941	5.246	ug/L	96
55) Styrene	10.115	104	151701	5.234	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	55560	5.304	ug/L	99
59) Bromoform	10.291	173	32296	5.558	ug/L	100
60) Isopropylbenzene	10.484	105	230599	5.340	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	39624	5.543	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	148702	5.250	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	191614	5.215	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	120678	5.273	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	120229	5.173	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	117530	5.344	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	9196	5.706	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	93600	4.986	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	84005	5.021	ug/L	99
71) Naphthalene	14.085	128	153563	5.131	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	78631	5.125	ug/L	100

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

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