

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049192.D
 Acq On : 16 Jun 2022 00:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005115

Quant Time: Jun 16 06:32:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	127446	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	117718	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59787	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50183	4.506	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.912	69	36692	4.867	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.565	65	20244	4.520	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.400%	
20) 2-Butanone-d5	4.636	46	178020	59.871	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.740%	
24) Chloroform-d	5.067	84	91436	5.233	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.600%	
26) 1,2-Dichloroethane-d4	5.703	65	50494	5.268	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	5.729	84	179037	5.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.690	67	60136	4.996	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.899	98	157693	4.938	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
43) trans-1,3-Dichloroprop...	8.182	79	23941	4.477	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.636	63	121386	56.274	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.540%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	51911	5.387	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	58644	5.112	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	59061	5.429	ug/L	100
3) Chloromethane	1.520	50	60159	5.037	ug/L	98
5) Vinyl chloride	1.604	62	60923	5.686	ug/L	98
6) Bromomethane	1.858	94	12856	2.181	ug/L	97
8) Chloroethane	1.935	64	32392	5.223	ug/L	97
9) Trichlorofluoromethane	2.137	101	71392	5.742	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	40755	5.536	ug/L	99
12) 1,1-Dichloroethene	2.578	96	39424	5.501	ug/L	90
13) Acetone	2.649	43	95093	64.618	ug/L	99
14) Carbon disulfide	2.793	76	131542	5.557	ug/L	99
15) Methyl Acetate	2.961	43	24981	6.347	ug/L	99
16) Methylene chloride	3.047	84	47992	5.091	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	121602	5.610	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	45079	5.678	ug/L	98
19) 1,1-Dichloroethane	3.871	63	89091	5.691	ug/L	96
21) 2-Butanone	4.716	43	171983	61.289	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	49249	5.546	ug/L	100
23) Bromochloromethane	4.980	128	21052	5.538	ug/L	95
25) Chloroform	5.089	83	87847	5.590	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	58832	5.684	ug/L	96
29) 1,1,1-Trichloroethane	5.317	97	76452	5.435	ug/L	99
30) Cyclohexane	5.388	56	83548	5.225	ug/L	99
31) Carbon tetrachloride	5.526	117	63616	5.401	ug/L	98
33) Benzene	5.777	78	197834	5.648	ug/L	100
34) Trichloroethene	6.542	95	50067	5.592	ug/L	99
35) Methylcyclohexane	6.764	83	78064	5.199	ug/L	99
37) 1,2-Dichloropropane	6.790	63	53418	5.550	ug/L	100
38) Bromodichloromethane	7.105	83	64251	5.461	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	74633	5.101	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	413555	57.834	ug/L	100
42) Toluene	7.970	91	202350	5.448	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	63655	5.009	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	36728	5.474	ug/L	94
47) Tetrachloroethene	8.555	164	34580	5.601	ug/L	99
48) 2-Hexanone	8.687	43	299477	58.676	ug/L	99
49) Dibromochloromethane	8.809	129	41779	5.458	ug/L	100
50) 1,2-Dibromoethane	8.925	107	35206	5.660	ug/L	95
51) Chlorobenzene	9.446	112	124739	5.515	ug/L	99
52) Ethylbenzene	9.571	91	218950	5.397	ug/L	99
53) m,p-Xylene	9.693	106	80692	5.352	ug/L	96
54) o-Xylene	10.099	106	80341	5.375	ug/L	99
55) Styrene	10.115	104	135621	5.417	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	50666	5.706	ug/L	98
59) Bromoform	10.291	173	23676	5.272	ug/L	97
60) Isopropylbenzene	10.484	105	216694	5.321	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	36934	5.506	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	183831	5.114	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	183998	5.167	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	94672	5.432	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	92418	5.365	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	89857	5.418	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	8989	4.917	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	69588	5.325	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	57869	5.570	ug/L	99
71) Naphthalene	14.086	128	110499	5.352	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55839	5.716	ug/L	100

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

