

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049053.D
 Acq On : 11 Jun 2022 14:33
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV031

Quant Time: Jun 13 01:29:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:18:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	167531	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	169386	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	87590	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36169	4.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.912	69	39232	4.856	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.568	65	18039	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.629	46	171531	46.495	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	5.063	84	114885	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.703	65	65382	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.729	84	209835	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.690	67	71113	4.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.899	98	181810	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.182	79	25571	4.910	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.200%
46) 2-Hexanone-d5	8.632	63	158786	55.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	68666	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	81562	5.062	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	94579	4.999	ug/L	97
3) Chloromethane	1.523	50	78558	4.831	ug/L	99
5) Vinyl chloride	1.604	62	72898	4.858	ug/L	96
6) Bromomethane	1.858	94	41858	4.834	ug/L	99
8) Chloroethane	1.935	64	38947	4.856	ug/L	98
9) Trichlorofluoromethane	2.141	101	100764	5.009	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	54581	5.128	ug/L	98
12) 1,1-Dichloroethene	2.581	96	52636	5.079	ug/L	95
13) Acetone	2.636	43	75078	39.316	ug/L	99
14) Carbon disulfide	2.793	76	175524	4.921	ug/L	100
15) Methyl Acetate	2.954	43	19315	3.925	ug/L	96
16) Methylene chloride	3.047	84	57838	4.540	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	139438	5.014	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	56339	4.986	ug/L	97
19) 1,1-Dichloroethane	3.870	63	104888	4.844	ug/L	97
21) 2-Butanone	4.710	43	140707	42.200	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	61865	4.626	ug/L	95
23) Bromochloromethane	4.976	128	28340	4.895	ug/L	95
25) Chloroform	5.089	83	112327	4.905	ug/L	98

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 MSVOA_U
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	72129	4.712	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	102056	4.710	ug/L	100
30) Cyclohexane	5.391	56	88950	4.716	ug/L	97
31) Carbon tetrachloride	5.526	117	90622	4.711	ug/L	99
33) Benzene	5.777	78	231525	4.561	ug/L	100
34) Trichloroethene	6.542	95	61836	4.716	ug/L	96
35) Methylcyclohexane	6.764	83	94921	4.782	ug/L	98
37) 1,2-Dichloropropane	6.793	63	61606	4.640	ug/L	98
38) Bromodichloromethane	7.105	83	79765	4.483	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	88199	4.851	ug/L	95
40) 4-Methyl-2-pentanone	7.793	43	426229	50.436	ug/L	99
42) Toluene	7.970	91	255139	4.949	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	83157	5.086	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	46742	4.957	ug/L	98
47) Tetrachloroethene	8.552	164	48824	4.685	ug/L	98
48) 2-Hexanone	8.684	43	335249	53.408	ug/L	98
49) Dibromochloromethane	8.809	129	59009	4.913	ug/L	99
50) 1,2-Dibromoethane	8.925	107	45584	4.911	ug/L	98
51) Chlorobenzene	9.449	112	172550	5.081	ug/L	99
52) Ethylbenzene	9.571	91	280124	5.292	ug/L	99
53) m,p-Xylene	9.693	106	115049	5.323	ug/L	98
54) o-Xylene	10.098	106	109175	5.255	ug/L	92
55) Styrene	10.115	104	183414	5.281	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	61304	5.006	ug/L	98
59) Bromoform	10.291	173	34880	4.887	ug/L	98
60) Isopropylbenzene	10.484	105	280015	5.229	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	45769	4.876	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	232432	5.185	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	241327	5.391	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	141130	5.294	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	137998	5.322	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	136533	5.315	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.995	75	11702	5.251	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	109931	5.512	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	95925	6.095	ug/L	98
71) Naphthalene	14.089	128	212309	6.907	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	98061	6.538	ug/L	98

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

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