

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
 Data File : VU047045.D
 Acq On : 04 Feb 2022 14:17
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV058

Quant Time: Feb 05 01:31:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	66026	4.854	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.919	69	49075	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.572	65	24670	5.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.633	46	141102	51.875	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.760%
24) Chloroform-d	5.067	84	106586	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.703	65	55979	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.729	84	216833	5.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.694	67	65919	5.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.899	98	201806	5.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
43) trans-1,3-Dichloroprop...	8.182	79	27521	5.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.200%
46) 2-Hexanone-d5	8.632	63	127537	57.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56769	5.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	72866	5.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	51652	5.344	ug/L	99
3) Chloromethane	1.527	50	55556	4.665	ug/L	99
5) Vinyl chloride	1.607	62	56034	4.674	ug/L	98
6) Bromomethane	1.861	94	32512	4.898	ug/L	98
8) Chloroethane	1.938	64	33305	4.681	ug/L	96
9) Trichlorofluoromethane	2.144	101	72621	4.791	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	43236	4.845	ug/L	100
12) 1,1-Dichloroethene	2.584	96	38650	4.909	ug/L	96
13) Acetone	2.645	43	71429	45.502	ug/L	99
14) Carbon disulfide	2.800	76	117804	4.778	ug/L	100
15) Methyl Acetate	2.957	43	16810	5.157	ug/L	100
16) Methylene chloride	3.051	84	44602	4.481	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	90771	5.242	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	40907	4.976	ug/L	97
19) 1,1-Dichloroethane	3.877	63	74869	4.898	ug/L	99
21) 2-Butanone	4.710	43	108844	48.382	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	44221	5.121	ug/L	97
23) Bromochloromethane	4.980	128	19973	4.795	ug/L	97
25) Chloroform	5.092	83	79388	4.562	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	47891	4.798	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	65885	4.977	ug/L	99
30) Cyclohexane	5.395	56	57149	5.348	ug/L	97
31) Carbon tetrachloride	5.530	117	57170	5.056	ug/L	96
33) Benzene	5.777	78	170028	5.228	ug/L	100
34) Trichloroethene	6.546	95	42986	5.227	ug/L	98
35) Methylcyclohexane	6.768	83	63227	5.548	ug/L	97
37) 1,2-Dichloropropane	6.793	63	44060	5.122	ug/L	98
38) Bromodichloromethane	7.108	83	55005	4.923	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	60207	5.390	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	246083	53.567	ug/L	99
42) Toluene	7.970	91	185687	5.556	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	53786	5.389	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	32709	5.112	ug/L	95
47) Tetrachloroethene	8.555	164	33454	5.242	ug/L	95
48) 2-Hexanone	8.684	43	194539	54.992	ug/L	98
49) Dibromochloromethane	8.812	129	38781	5.188	ug/L	100
50) 1,2-Dibromoethane	8.925	107	31225	5.283	ug/L	97
51) Chlorobenzene	9.449	112	115867	5.283	ug/L	99
52) Ethylbenzene	9.571	91	183503	5.463	ug/L	99
53) m,p-Xylene	9.697	106	72438	5.548	ug/L	100
54) o-Xylene	10.102	106	69688	5.741	ug/L	97
55) Styrene	10.118	104	121196	5.675	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	42162	5.064	ug/L	99
59) Bromoform	10.291	173	21409	5.153	ug/L	99
60) Isopropylbenzene	10.488	105	180952	5.592	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	31110	5.082	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	136037	5.478	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	141184	5.599	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	92080	5.325	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	94524	5.292	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	88896	5.327	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	6086	4.818	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	69369	5.344	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	57855	5.472	ug/L	97
71) Naphthalene	14.086	128	104011	5.684	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	57857	5.733	ug/L	97

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

