

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
 Data File : VU058186.D
 Acq On : 21 Mar 2024 16:27
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV047

Quant Time: Mar 22 05:02:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 22 04:55:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	91885	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	87570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	42369	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36153	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	30161	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.563	65	15471	4.799	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.624	46	67831	49.172	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.340%
24) Chloroform-d	5.052	84	67268	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.692	65	31904	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.721	84	135609	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.682	67	40967	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	122613	4.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	8.174	79	13738	5.115	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.200%
46) 2-Hexanone-d5	8.627	63	53450	49.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	27441	5.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	40574	5.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	17705	4.678	ug/L	99
3) Chloromethane	1.515	50	21696	4.497	ug/L	98
5) Vinyl chloride	1.602	62	25169	4.778	ug/L	99
6) Bromomethane	1.856	94	13954	4.939	ug/L	95
8) Chloroethane	1.930	64	17262	4.969	ug/L	100
9) Trichlorofluoromethane	2.136	101	41404	4.836	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	27235	4.957	ug/L	98
12) 1,1-Dichloroethene	2.576	96	21443	4.655	ug/L	99
13) Acetone	2.637	43	46271	51.828	ug/L	100
14) Carbon disulfide	2.788	76	50043	4.862	ug/L	100
15) Methyl Acetate	2.952	43	9142	4.933	ug/L #	91
16) Methylene chloride	3.039	84	36113	5.532	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	61796	4.999	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	23432	4.867	ug/L	98
19) 1,1-Dichloroethane	3.862	63	52739	4.876	ug/L	97
21) 2-Butanone	4.702	43	66001	48.660	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	29027	4.879	ug/L	99
23) Bromochloromethane	4.968	128	11725	5.282	ug/L	91
25) Chloroform	5.078	83	55817	4.921	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	30692	4.766	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	44624	4.929	ug/L	99
30) Cyclohexane	5.380	56	38563	4.876	ug/L	100
31) Carbon tetrachloride	5.518	117	38496	4.995	ug/L	97
33) Benzene	5.766	78	113844	4.950	ug/L	100
34) Trichloroethene	6.534	95	29989	5.005	ug/L	97
35) Methylcyclohexane	6.756	83	41173	4.927	ug/L	99
37) 1,2-Dichloropropane	6.782	63	31648	4.926	ug/L	100
38) Bromodichloromethane	7.097	83	37200	5.051	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	41767	5.126	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	161427	49.688	ug/L	99
42) Toluene	7.962	91	120744	4.969	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	33617	5.243	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	20057	4.956	ug/L	99
47) Tetrachloroethene	8.547	164	20010	4.986	ug/L	99
48) 2-Hexanone	8.679	43	123506	52.202	ug/L	96
49) Dibromochloromethane	8.801	129	23206	5.240	ug/L	99
50) 1,2-Dibromoethane	8.917	107	17430	5.003	ug/L #	97
51) Chlorobenzene	9.441	112	76867	4.909	ug/L	100
52) Ethylbenzene	9.563	91	134263	4.948	ug/L	97
53) m,p-Xylene	9.688	106	48831	5.051	ug/L	100
54) o-Xylene	10.094	106	49634	5.086	ug/L	99
55) Styrene	10.106	104	80918	5.251	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	23529	4.933	ug/L	96
59) Bromoform	10.283	173	11387	5.117	ug/L	99
60) Isopropylbenzene	10.476	105	128921	5.065	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17904	5.046	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	108922	5.099	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	107470	5.066	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	59057	4.982	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	56875	4.964	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	53616	4.891	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3494	6.530	ug/L	88
69) 1,3,5-Trichlorobenzene	13.212	180	44245	5.338	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	32982	5.335	ug/L	98
71) Naphthalene	14.084	128	43504	5.167	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	26390	5.213	ug/L	96

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

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