

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061618.D
 Acq On : 13 Nov 2024 11:17
 Operator : MD/SY
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV041

Quant Time: Nov 14 00:22:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 00:18:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	205982	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	193821	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	94601	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	63728	4.788	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.800%
7) Chloroethane-d5	1.911	69	52818	4.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.560	65	28186	4.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.628	46	134485	47.609	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.220%
24) Chloroform-d	5.052	84	127595	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.692	65	60906	4.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.718	84	263193	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.682	67	77925	4.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	247926	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	8.174	79	28304	4.859	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.624	63	114457	49.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.440%
56) 1,1,2,2-Tetrachloroeth...	10.747	84	61045	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	81090	4.813	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.384	85	78669	5.139	ug/L	100
3) Chloromethane	1.519	50	67897	4.889	ug/L	100
5) Vinyl chloride	1.602	62	78518	5.123	ug/L	99
6) Bromomethane	1.856	94	48598	5.314	ug/L	98
8) Chloroethane	1.930	64	52140	4.904	ug/L	99
9) Trichlorofluoromethane	2.133	101	113817	5.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	67715	5.084	ug/L	97
12) 1,1-Dichloroethene	2.576	96	63070	5.072	ug/L	93
13) Acetone	2.647	43	87767	49.316	ug/L	98
14) Carbon disulfide	2.789	76	199775	5.002	ug/L	100
15) Methyl Acetate	2.956	43	21907	4.927	ug/L	99
16) Methylene chloride	3.039	84	70564	4.924	ug/L	99
17) Methyl tert-butyl Ether	3.355	73	153996	5.053	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	68028	4.988	ug/L	97
19) 1,1-Dichloroethane	3.859	63	124067	4.989	ug/L	98
21) 2-Butanone	4.708	43	144979	49.879	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	77848	5.061	ug/L	99
23) Bromochloromethane	4.965	128	34386	5.033	ug/L	99
25) Chloroform	5.078	83	135037	5.152	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	80332	4.884	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	111648	5.062	ug/L	99
30) Cyclohexane	5.380	56	114192	5.183	ug/L	99
31) Carbon tetrachloride	5.515	117	96857	5.156	ug/L	99
33) Benzene	5.766	78	299586	5.107	ug/L	100
34) Trichloroethene	6.534	95	80146	5.060	ug/L	95
35) Methylcyclohexane	6.756	83	126832	5.310	ug/L	99
37) 1,2-Dichloropropane	6.782	63	75181	5.052	ug/L	100
38) Bromodichloromethane	7.097	83	88965	4.982	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	109509	5.170	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	366832	51.410	ug/L	100
42) Toluene	7.962	91	329392	5.215	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	85936	5.115	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	55344	5.101	ug/L	97
47) Tetrachloroethene	8.544	164	61624	5.178	ug/L	98
48) 2-Hexanone	8.676	43	263809	51.707	ug/L	100
49) Dibromochloromethane	8.801	129	58088	5.106	ug/L	98
50) 1,2-Dibromoethane	8.914	107	53200	5.199	ug/L	99
51) Chlorobenzene	9.438	112	209133	5.144	ug/L	99
52) Ethylbenzene	9.563	91	353822	5.259	ug/L	99
53) m,p-Xylene	9.685	106	135722	5.272	ug/L	96
54) o-Xylene	10.091	106	130209	5.204	ug/L	100
55) Styrene	10.107	104	215416	5.407	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	66211	5.015	ug/L	95
59) Bromoform	10.284	173	31151	4.975	ug/L	100
60) Isopropylbenzene	10.476	105	351110	5.352	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44535	4.997	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	279009	5.311	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	276580	5.409	ug/L	99
64) 1,3-Dichlorobenzene	11.737	146	158616	5.272	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	155502	5.090	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	144536	5.165	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.988	75	8010	5.147	ug/L	96
69) 1,3,5-Trichlorobenzene	13.209	180	112416	5.351	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	89092	5.472	ug/L	99
71) Naphthalene	14.081	128	130118	5.567	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	75810	5.547	ug/L	99

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

