

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030124\
 Data File : VU057977.D
 Acq On : 01 Mar 2024 11:15
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: Mar 01 22:40:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 01 05:18:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	152814	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142600	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70793	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49803	4.530	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.907	69	42007	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.560	65	22362	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.611	46	94893	52.382	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.760%
24) Chloroform-d	5.052	84	99375	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	47222	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.717	84	202915	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.682	67	61487	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	181755	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	8.174	79	21960	5.055	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.624	63	74565	51.121	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39367	5.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	55657	4.774	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	46289	4.999	ug/L	99
3) Chloromethane	1.515	50	52076	4.810	ug/L	98
5) Vinyl chloride	1.599	62	57568	4.943	ug/L	99
6) Bromomethane	1.853	94	30689	5.003	ug/L	100
8) Chloroethane	1.930	64	35901	4.896	ug/L	92
9) Trichlorofluoromethane	2.136	101	81441	4.909	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	52268	5.039	ug/L	97
12) 1,1-Dichloroethene	2.573	96	45543	4.939	ug/L	98
13) Acetone	2.618	43	68123	50.530	ug/L	97
14) Carbon disulfide	2.788	76	136567	4.790	ug/L	99
15) Methyl Acetate	2.943	43	15582	5.208	ug/L	96
16) Methylene chloride	3.036	84	54098	4.827	ug/L	100
17) Methyl tert-butyl Ether	3.351	73	111390	5.109	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	49200	4.899	ug/L	98
19) 1,1-Dichloroethane	3.859	63	101702	5.076	ug/L	99
21) 2-Butanone	4.692	43	110183	51.868	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	55707	5.042	ug/L	97
23) Bromochloromethane	4.965	128	21349	5.204	ug/L	90
25) Chloroform	5.078	83	103470	5.059	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	58283	5.147	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	85900	5.061	ug/L	100
30) Cyclohexane	5.380	56	84352	4.922	ug/L	99
31) Carbon tetrachloride	5.518	117	73960	5.015	ug/L	98
33) Benzene	5.766	78	218906	5.003	ug/L	100
34) Trichloroethene	6.534	95	57602	5.003	ug/L	97
35) Methylcyclohexane	6.756	83	86853	4.921	ug/L	99
37) 1,2-Dichloropropane	6.782	63	58811	5.212	ug/L	98
38) Bromodichloromethane	7.097	83	69926	5.108	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	78226	5.032	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	273143	52.622	ug/L	99
42) Toluene	7.962	91	231692	5.084	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	61565	4.969	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	34433	5.146	ug/L	98
47) Tetrachloroethene	8.547	164	40007	5.009	ug/L	97
48) 2-Hexanone	8.675	43	200072	52.559	ug/L	99
49) Dibromochloromethane	8.801	129	40892	5.163	ug/L	99
50) 1,2-Dibromoethane	8.917	107	31529	5.310	ug/L	94
51) Chlorobenzene	9.441	112	142574	4.989	ug/L	99
52) Ethylbenzene	9.563	91	257214	5.044	ug/L	100
53) m,p-Xylene	9.688	106	94121	5.166	ug/L	99
54) o-Xylene	10.093	106	91449	5.036	ug/L	99
55) Styrene	10.110	104	145019	5.088	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	41086	5.213	ug/L #	98
59) Bromoform	10.283	173	20956	5.308	ug/L	99
60) Isopropylbenzene	10.476	105	236435	5.015	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	29309	5.054	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	201135	5.058	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	198269	5.052	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	109237	5.097	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	104295	4.972	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	95591	5.109	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	6003	5.218	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	76150	4.940	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	56576	4.885	ug/L	99
71) Naphthalene	14.080	128	73144	4.624	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	45280	4.949	ug/L	98

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

