

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058403.D
 Acq On : 05 Apr 2024 06:13
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005181

Quant Time: Apr 05 06:24:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86480	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	84368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28547	4.986	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.907	69	24981	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.563	65	12991	5.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.631	46	63714	52.805	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.600%
24) Chloroform-d	5.055	84	58449	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.695	65	27387	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.717	84	113883	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.682	67	35115	4.930	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.891	98	104216	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.174	79	10789	4.879	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	46833	51.352	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	23447	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	31979	4.552	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	37331	5.179	ug/L	100
3) Chloromethane	1.515	50	46358	5.255	ug/L	98
5) Vinyl chloride	1.599	62	45990	5.220	ug/L	98
6) Bromomethane	1.853	94	21246	5.097	ug/L	100
8) Chloroethane	1.930	64	29643	5.326	ug/L	98
9) Trichlorofluoromethane	2.136	101	63148	5.428	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	37221	5.384	ug/L	98
12) 1,1-Dichloroethene	2.576	96	34390	5.611	ug/L	91
13) Acetone	2.650	43	49842	48.398	ug/L	98
14) Carbon disulfide	2.788	76	102052	5.242	ug/L	99
15) Methyl Acetate	2.952	43	14194	5.841	ug/L	98
16) Methylene chloride	3.039	84	41500	5.102	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	77715	5.368	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	35810	5.575	ug/L	99
19) 1,1-Dichloroethane	3.859	63	75748	5.403	ug/L	97
21) 2-Butanone	4.708	43	79563	51.689	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	38904	5.393	ug/L	97
23) Bromochloromethane	4.965	128	15712	5.528	ug/L	99
25) Chloroform	5.078	83	73987	5.452	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	45582	5.516	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	61826	5.466	ug/L	99
30) Cyclohexane	5.380	56	61587	5.155	ug/L	97
31) Carbon tetrachloride	5.518	117	50885	5.312	ug/L	98
33) Benzene	5.766	78	162849	5.325	ug/L	100
34) Trichloroethene	6.534	95	40008	5.190	ug/L	99
35) Methylcyclohexane	6.756	83	59875	5.155	ug/L	99
37) 1,2-Dichloropropane	6.782	63	43846	5.449	ug/L	100
38) Bromodichloromethane	7.097	83	50488	5.497	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	51955	5.078	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	203528	53.739	ug/L	100
42) Toluene	7.962	91	170789	5.324	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	41803	5.181	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	25822	5.495	ug/L	95
47) Tetrachloroethene	8.547	164	29203	5.167	ug/L	97
48) 2-Hexanone	8.679	43	141032	52.454	ug/L	99
49) Dibromochloromethane	8.801	129	29186	5.372	ug/L	99
50) 1,2-Dibromoethane	8.917	107	23088	5.372	ug/L #	95
51) Chlorobenzene	9.441	112	102759	5.294	ug/L	99
52) Ethylbenzene	9.563	91	180866	5.322	ug/L	100
53) m,p-Xylene	9.685	106	63741	5.238	ug/L	97
54) o-Xylene	10.094	106	63728	5.342	ug/L	97
55) Styrene	10.106	104	104760	5.458	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	31287	5.397	ug/L	98
59) Bromoform	10.283	173	14837	5.325	ug/L	98
60) Isopropylbenzene	10.476	105	161290	5.282	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	22735	5.342	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	129300	5.193	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	132754	5.222	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	76859	5.182	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	72433	5.013	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	68283	5.061	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.987	75	3896	5.399	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	50913	4.642	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	35748	4.227	ug/L	96
71) Naphthalene	14.084	128	42473	3.665	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	30381	4.350	ug/L	99

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

