

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058454.D
 Acq On : 06 Apr 2024 05:16
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005184

Quant Time: Apr 06 06:03:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40250	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24936	4.336	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.907	69	22127	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	11012	4.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.624	46	58100	47.937	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.880%
24) Chloroform-d	5.052	84	54343	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	24686	4.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	5.718	84	103305	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.682	67	32191	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	91615	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.174	79	10190	4.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.627	63	43343	48.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.380%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21961	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28827	4.252	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	32548	4.495	ug/L	99
3) Chloromethane	1.515	50	45941	5.185	ug/L	100
5) Vinyl chloride	1.599	62	42526	4.805	ug/L	100
6) Bromomethane	1.853	94	17552	4.192	ug/L	99
8) Chloroethane	1.930	64	26880	4.808	ug/L	97
9) Trichlorofluoromethane	2.133	101	53839	4.607	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	32070	4.618	ug/L	97
12) 1,1-Dichloroethene	2.573	96	57752	9.381	ug/L	87
13) Acetone	2.641	43	44304	42.828	ug/L	99
14) Carbon disulfide	2.788	76	90119	4.608	ug/L	100
15) Methyl Acetate	2.949	43	11690	4.789	ug/L	95
16) Methylene chloride	3.036	84	37181	4.551	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	69908	4.807	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	30720	4.761	ug/L	92
19) 1,1-Dichloroethane	3.859	63	77992	5.538	ug/L	98
21) 2-Butanone	4.705	43	72405	46.829	ug/L	100
22) cis-1,2-Dichloroethene	4.657	96	34470	4.757	ug/L	100
23) Bromochloromethane	4.965	128	14108	4.942	ug/L	99
25) Chloroform	5.078	83	66824	4.902	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	40058	4.826	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	184526	16.541	ug/L	98
30) Cyclohexane	5.380	56	54529	4.628	ug/L	97
31) Carbon tetrachloride	5.515	117	46709	4.944	ug/L	98
33) Benzene	5.766	78	143151	4.746	ug/L	100
34) Trichloroethene	6.534	95	37859	4.979	ug/L	98
35) Methylcyclohexane	6.756	83	51673	4.511	ug/L	98
37) 1,2-Dichloropropane	6.782	63	39479	4.975	ug/L	99
38) Bromodichloromethane	7.097	83	45515	5.025	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	47455	4.703	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	180533	48.332	ug/L	99
42) Toluene	7.962	91	150391	4.754	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	38285	4.811	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	23267	5.020	ug/L	98
47) Tetrachloroethene	8.547	164	25322	4.543	ug/L	98
48) 2-Hexanone	8.676	43	126733	47.792	ug/L	99
49) Dibromochloromethane	8.801	129	26522	4.950	ug/L	99
50) 1,2-Dibromoethane	8.917	107	21057	4.968	ug/L	99
51) Chlorobenzene	9.441	112	90481	4.727	ug/L	99
52) Ethylbenzene	9.563	91	159449	4.757	ug/L	99
53) m,p-Xylene	9.685	106	57499	4.791	ug/L	99
54) o-Xylene	10.094	106	56959	4.841	ug/L	99
55) Styrene	10.106	104	93270	4.927	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	27755	4.855	ug/L	100
59) Bromoform	10.283	173	13353	4.965	ug/L	99
60) Isopropylbenzene	10.476	105	143796	4.880	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	19958	4.860	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	113975	4.743	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	117197	4.777	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	66259	4.629	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	63539	4.556	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	59709	4.586	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	3756	5.393	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	44679	4.221	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	31732	3.888	ug/L	99
71) Naphthalene	14.081	128	38046	3.402	ug/L	97
72) 1,2,3-Trichlorobenzene	14.322	180	25963	3.852	ug/L	98

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

