

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U031324\
 Data File : VU058090.D
 Acq On : 13 Mar 2024 18:42
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: Mar 14 04:42:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137560	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	129765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66080	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32161	3.249	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.904	69	32301	3.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.560	65	15281	3.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	4.608	46	94435	57.909	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.820%
24) Chloroform-d	5.052	84	88753	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.692	65	41536	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	166435	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.682	67	55092	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.891	98	147617	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	17212	4.354	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.624	63	79607	59.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	37542	5.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	50768	4.665	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	37554	4.506	ug/L	100
3) Chloromethane	1.515	50	44336	4.549	ug/L	98
5) Vinyl chloride	1.599	62	49207	4.694	ug/L	100
6) Bromomethane	1.849	94	26006	4.710	ug/L	99
8) Chloroethane	1.927	64	32554	4.931	ug/L	95
9) Trichlorofluoromethane	2.132	101	72252	4.838	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	45809	4.906	ug/L	99
12) 1,1-Dichloroethene	2.573	96	40820	4.918	ug/L	85
13) Acetone	2.612	43	54669	45.047	ug/L	95
14) Carbon disulfide	2.785	76	111040	4.326	ug/L	100
15) Methyl Acetate	2.943	43	13267	4.926	ug/L	96
16) Methylene chloride	3.033	84	48978	4.855	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	99653	5.077	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	44488	4.921	ug/L	92
19) 1,1-Dichloroethane	3.856	63	93228	5.169	ug/L	97
21) 2-Butanone	4.689	43	92878	48.570	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	50156	5.043	ug/L	98
23) Bromochloromethane	4.965	128	20160	5.459	ug/L	97
25) Chloroform	5.074	83	95885	5.208	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	54079	5.305	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	77932	5.046	ug/L	98
30) Cyclohexane	5.380	56	71536	4.587	ug/L	99
31) Carbon tetrachloride	5.515	117	67131	5.002	ug/L	98
33) Benzene	5.766	78	200983	5.047	ug/L	100
34) Trichloroethene	6.537	95	54302	5.183	ug/L	98
35) Methylcyclohexane	6.756	83	73982	4.606	ug/L	97
37) 1,2-Dichloropropane	6.782	63	51741	5.039	ug/L	99
38) Bromodichloromethane	7.097	83	63293	5.081	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	68618	4.850	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	244092	51.676	ug/L	99
42) Toluene	7.962	91	210505	5.076	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	53858	4.777	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	31554	5.183	ug/L	98
47) Tetrachloroethene	8.547	164	35399	4.870	ug/L	97
48) 2-Hexanone	8.676	43	171001	49.365	ug/L	99
49) Dibromochloromethane	8.801	129	36518	5.067	ug/L	98
50) 1,2-Dibromoethane	8.917	107	28548	5.283	ug/L	91
51) Chlorobenzene	9.441	112	131589	5.060	ug/L	97
52) Ethylbenzene	9.563	91	230005	4.956	ug/L	100
53) m,p-Xylene	9.688	106	82312	4.965	ug/L	99
54) o-Xylene	10.094	106	83535	5.055	ug/L	98
55) Styrene	10.110	104	134759	5.196	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	38466	5.363	ug/L	96
59) Bromoform	10.286	173	18361	4.982	ug/L	99
60) Isopropylbenzene	10.476	105	213966	4.862	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	27259	5.036	ug/L	97
62) 1,3,5-Trimethylbenzene	11.081	105	179609	4.839	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	178344	4.868	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	97245	4.861	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	93912	4.796	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	86349	4.944	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	4997	4.653	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	66673	4.633	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	48537	4.489	ug/L	97
71) Naphthalene	14.084	128	59609	4.037	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	38389	4.495	ug/L	98

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

