

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042324\
 Data File : U058783.D
 Acq On : 23 Apr 2024 14:56
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005091

Quant Time: Apr 24 00:37:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 24 00:34:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	95771	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	92368	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	39490	5.242	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.904	69	24786	4.366	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.557	65	16354	4.312	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.615	46	60150	45.446	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.900%
24) Chloroform-d	5.052	84	72039	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.692	65	34455	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.717	84	134556	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.682	67	38756	4.420	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.891	98	120353	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.174	79	14842	4.649	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.627	63	43653	46.141	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	25085	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	38677	4.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	56108	5.350	ug/L	99
3) Chloromethane	1.512	50	47435	5.777	ug/L	100
5) Vinyl chloride	1.595	62	47087	5.653	ug/L	99
6) Bromomethane	1.849	94	23778	4.823	ug/L	98
8) Chloroethane	1.923	64	22799	4.859	ug/L	97
9) Trichlorofluoromethane	2.129	101	64705	4.963	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	38412	4.943	ug/L	99
12) 1,1-Dichloroethene	2.570	96	33010	4.733	ug/L	96
13) Acetone	2.624	43	38415	41.995	ug/L	98
14) Carbon disulfide	2.785	76	111269	4.690	ug/L	99
15) Methyl Acetate	2.943	43	10327	4.709	ug/L	99
16) Methylene chloride	3.033	84	37610	5.011	ug/L	97
17) Methyl tert-butyl Ether	3.348	73	76988	4.876	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	34273	4.906	ug/L	99
19) 1,1-Dichloroethane	3.856	63	71314	4.820	ug/L	98
21) 2-Butanone	4.695	43	63256	43.974	ug/L	96
22) cis-1,2-Dichloroethene	4.653	96	37218	4.850	ug/L	98
23) Bromochloromethane	4.965	128	14789	4.922	ug/L	93
25) Chloroform	5.074	83	74547	4.848	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	44924	4.884	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	68092	4.939	ug/L	99
30) Cyclohexane	5.380	56	60084	4.617	ug/L	96
31) Carbon tetrachloride	5.515	117	59907	4.916	ug/L	100
33) Benzene	5.766	78	154484	4.834	ug/L	100
34) Trichloroethene	6.534	95	42857	4.929	ug/L	98
35) Methylcyclohexane	6.756	83	62385	4.721	ug/L	98
37) 1,2-Dichloropropane	6.782	63	38700	4.636	ug/L	99
38) Bromodichloromethane	7.097	83	49878	4.823	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	55435	4.797	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	169010	45.870	ug/L	98
42) Toluene	7.962	91	161682	4.895	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	44618	5.015	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	24086	5.015	ug/L	99
47) Tetrachloroethene	8.547	164	29433	4.823	ug/L	96
48) 2-Hexanone	8.679	43	116438	44.487	ug/L	99
49) Dibromochloromethane	8.804	129	27848	4.950	ug/L	91
50) 1,2-Dibromoethane	8.917	107	21186	4.794	ug/L	95
51) Chlorobenzene	9.441	112	98150	4.878	ug/L	98
52) Ethylbenzene	9.563	91	180206	4.947	ug/L	100
53) m,p-Xylene	9.688	106	67226	5.025	ug/L	96
54) o-Xylene	10.093	106	63722	5.024	ug/L	99
55) Styrene	10.110	104	105612	5.111	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	26037	4.651	ug/L	99
59) Bromoform	10.286	173	15511	4.748	ug/L	97
60) Isopropylbenzene	10.479	105	178646	4.828	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	19711	4.643	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	150677	4.893	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	146672	5.034	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	77432	4.855	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	76381	4.908	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	68521	4.963	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.990	75	4241	5.781	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	56665	4.967	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	38553	4.861	ug/L	99
71) Naphthalene	14.084	128	39862	4.154	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	29557	4.702	ug/L	99

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

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