

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055502.D
 Acq On : 25 Sep 2023 18:00
 Operator : MD/SY
 Sample : 04581-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYJ10MSD

Quant Time: Sep 26 01:24:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	315124	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	320155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	183136	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	91125	2.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.200%
7) Chloroethane-d5	1.911	69	85844	3.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.200%#
11) 1,1-Dichloroethene-d2	2.563	65	38195	2.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	4.628	46	311113	54.081	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.160%
24) Chloroform-d	5.059	84	243250	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.698	65	119142	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.724	84	439085	3.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.685	67	145393	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.894	98	376989	3.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	54085	4.606	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.631	63	191364	53.581	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	127093	5.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	151071	4.087	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	150622	4.910	ug/L	99
3) Chloromethane	1.515	50	132904	4.924	ug/L	96
5) Vinyl chloride	1.602	62	150056	5.153	ug/L	99
6) Bromomethane	1.856	94	71029	3.841	ug/L	98
8) Chloroethane	1.930	64	82227	4.328	ug/L	97
9) Trichlorofluoromethane	2.136	101	186305	4.614	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	120640	4.910	ug/L	98
12) 1,1-Dichloroethene	2.576	96	110545	5.017	ug/L	85
13) Acetone	2.641	43	152003	46.353	ug/L	98
14) Carbon disulfide	2.789	76	349487	5.277	ug/L	99
15) Methyl Acetate	2.949	43	36231	4.846	ug/L	98
16) Methylene chloride	3.039	84	121391	4.599	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	250988	5.251	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	114704	5.165	ug/L	97
19) 1,1-Dichloroethane	3.862	63	212232	5.168	ug/L	99
21) 2-Butanone	4.708	43	246708	51.295	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	140498	5.457	ug/L	97
23) Bromochloromethane	4.972	128	53965	4.959	ug/L	97
25) Chloroform	5.084	83	225490	5.185	ug/L	100

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27) 1,2-Dichloroethane	5.792	62	129309	4.849	ug/L #	95
29) 1,1,1-Trichloroethane	5.313	97	195121	5.346	ug/L	99
30) Cyclohexane	5.386	56	176055	5.270	ug/L	99
31) Carbon tetrachloride	5.522	117	166267	5.315	ug/L	97
33) Benzene	5.769	78	490289	5.321	ug/L	100
34) Trichloroethene	6.541	95	131295	5.037	ug/L	99
35) Methylcyclohexane	6.759	83	190597	5.076	ug/L	98
37) 1,2-Dichloropropane	6.788	63	122663	5.090	ug/L	99
38) Bromodichloromethane	7.103	83	150227	5.320	ug/L	96
39) cis-1,3-Dichloropropene	7.605	75	177283	5.512	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	599968	54.883	ug/L	99
42) Toluene	7.965	91	521470	5.305	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	140664	5.466	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	90614	5.363	ug/L	99
47) Tetrachloroethene	8.550	164	101397	5.423	ug/L	99
48) 2-Hexanone	8.682	43	449231	53.024	ug/L	95
49) Dibromochloromethane	8.804	129	96718	5.460	ug/L	97
50) 1,2-Dibromoethane	8.920	107	86021	5.486	ug/L #	99
51) Chlorobenzene	9.444	112	330267	5.246	ug/L	97
52) Ethylbenzene	9.566	91	562008	5.334	ug/L	95
53) m,p-Xylene	9.692	106	218321	5.529	ug/L	100
54) o-Xylene	10.097	106	208559	5.432	ug/L	95
55) Styrene	10.113	104	350222	5.642	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	105557	5.534	ug/L	98
59) Bromoform	10.287	173	55574	5.662	ug/L	99
60) Isopropylbenzene	10.483	105	556636	5.274	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	73972	5.174	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	450324	5.335	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	438097	5.303	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	268119	5.306	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	260727	5.162	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	244962	5.287	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	13678	5.520	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	184647	5.306	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	144336	5.440	ug/L	100
71) Naphthalene	14.084	128	210344	5.476	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	126220	5.467	ug/L	97

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

