

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055129.D
 Acq On : 06 Sep 2023 05:51
 Operator : MD/SY
 Sample : 04268-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0GH2MSD

Quant Time: Sep 06 06:31:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	186385	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	106378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36915	4.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.908	69	44638	4.414	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.560	65	22091	4.438	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.800%
20) 2-Butanone-d5	4.624	46	141574	55.848	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.700%
24) Chloroform-d	5.059	84	111629	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.702	65	58002	5.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.724	84	218039	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.689	67	71851	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.898	98	201114	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.181	79	17725	4.350	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.631	63	91063	55.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	52045	5.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	75108	4.837	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	50545	4.667	ug/L	98
3) Chloromethane	1.515	50	52409	4.753	ug/L	94
5) Vinyl chloride	1.599	62	56261	4.837	ug/L	96
6) Bromomethane	1.853	94	28240	4.025	ug/L	100
8) Chloroethane	1.927	64	35161	4.642	ug/L	99
9) Trichlorofluoromethane	2.133	101	77863	4.603	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	45125	4.585	ug/L	98
12) 1,1-Dichloroethene	2.576	96	40691	4.722	ug/L	94
13) Acetone	2.628	43	85100	50.088	ug/L	99
14) Carbon disulfide	2.789	76	99415	4.711	ug/L	99
15) Methyl Acetate	2.952	43	18609	5.351	ug/L	99
16) Methylene chloride	3.043	84	49496	3.759	ug/L	99
17) Methyl tert-butyl Ether	3.361	73	116776	5.167	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	41534	4.751	ug/L	97
19) 1,1-Dichloroethane	3.866	63	91541	4.845	ug/L	99
21) 2-Butanone	4.705	43	137584	55.116	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	53248	4.976	ug/L	94
23) Bromochloromethane	4.972	128	22336	5.075	ug/L	97
25) Chloroform	5.084	83	100998	5.133	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	60658	5.051	ug/L	99
29) 1,1,1-Trichloroethane	5.313	97	78236	4.799	ug/L	100
30) Cyclohexane	5.383	56	65404	4.512	ug/L	99
31) Carbon tetrachloride	5.525	117	65752	4.850	ug/L	98
33) Benzene	5.772	78	192307	4.794	ug/L	100
34) Trichloroethene	6.541	95	60777	5.452	ug/L	95
35) Methylcyclohexane	6.763	83	66975	4.282	ug/L	98
37) 1,2-Dichloropropane	6.788	63	54303	4.973	ug/L	98
38) Bromodichloromethane	7.103	83	66120	5.071	ug/L	99
39) cis-1,3-Dichloropropene	7.605	75	63820	4.297	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	335125	53.798	ug/L	99
42) Toluene	7.968	91	208239	4.870	ug/L	98
44) trans-1,3-Dichloropropene	8.210	75	51757	4.439	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	40427	5.496	ug/L	96
47) Tetrachloroethene	8.550	164	37224	4.831	ug/L	95
48) 2-Hexanone	8.682	43	263237	53.949	ug/L	97
49) Dibromochloromethane	8.808	129	39765	4.952	ug/L	97
50) 1,2-Dibromoethane	8.923	107	36315	5.422	ug/L #	88
51) Chlorobenzene	9.444	112	135528	4.785	ug/L	98
52) Ethylbenzene	9.570	91	227963	4.765	ug/L	100
53) m,p-Xylene	9.692	106	85208	4.813	ug/L	95
54) o-Xylene	10.100	106	83359	4.785	ug/L	100
55) Styrene	10.113	104	140873	4.897	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	44456	4.852	ug/L	89
59) Bromoform	10.287	173	21274	5.005	ug/L	97
60) Isopropylbenzene	10.483	105	225807	4.552	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	36860	5.221	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	183278	4.441	ug/L	100
63) 1,2,4-Trimethylbenzene	11.467	105	174663	4.295	ug/L	97
64) 1,3-Dichlorobenzene	11.746	146	108990	4.577	ug/L	99
65) 1,4-Dichlorobenzene	11.836	146	110664	4.663	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	104655	4.687	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.997	75	6568	4.830	ug/L	89
69) 1,3,5-Trichlorobenzene	13.219	180	74598	4.145	ug/L	99
70) 1,2,4-trichlorobenzene	13.840	180	63600	3.769	ug/L	96
71) Naphthalene	14.087	128	109010	3.554	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	57448	3.922	ug/L	97

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

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