

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029294.D
 Acq On : 23 Nov 2022 04:18
 Operator : SY/MD
 Sample : N5648-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7MSD

Quant Time: Nov 23 04:50:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	279534	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	248285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	121767	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	142433	5.342	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.800%		
7) Chloroethane-d5	1.565	69	105810	5.069	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 101.400%		
11) 1,1-Dichloroethene-d2	2.105	63	230788	5.081	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.600%		
20) 2-Butanone-d5	3.899	46	225301	57.241	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.480%		
24) Chloroform-d	4.339	84	191972	5.077	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 101.600%		
26) 1,2-Dichloroethane-d4	5.024	65	94595	5.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
32) Benzene-d6	5.043	84	412798	5.099	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.000%		
36) 1,2-Dichloropropane-d6	6.063	67	133033	5.201	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.000%		
41) Toluene-d8	7.307	98	378296	5.187	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.800%		
43) trans-1,3-Dichloroprop...	7.616	79	40811	4.792	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 95.800%		
46) 2-Hexanone-d5	8.085	63	114016	74.684	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 149.360%#		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	74933	5.893	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 117.800%		
66) 1,2-Dichlorobenzene-d4	11.612	152	121449	5.170	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	116322	4.982	ug/L	98
3) Chloromethane	1.240	50	153431	4.781	ug/L	99
5) Vinyl chloride	1.307	62	549451	17.846	ug/L	96
6) Bromomethane	1.520	94	76016	4.466	ug/L	99
8) Chloroethane	1.584	64	91925	4.983	ug/L	100
9) Trichlorofluoromethane	1.751	101	167820	4.771	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	95096	4.564	ug/L	100
12) 1,1-Dichloroethene	2.114	96	97362	4.720	ug/L	95
13) Acetone	2.195	43	158481	48.537	ug/L	98
14) Carbon disulfide	2.291	76	268578	4.611	ug/L	100
15) Methyl Acetate	2.439	43	27760	3.271	ug/L	96
16) Methylene chloride	2.500	84	106890	3.292	ug/L	97
17) Methyl tert-butyl Ether	2.761	73	11361110	250.744	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	123864	5.910	ug/L	99
19) 1,1-Dichloroethane	3.182	63	270076	6.394	ug/L	100
21) 2-Butanone	3.982	43	250088	48.398	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	122082	5.338	ug/L	97
23) Bromochloromethane	4.240	128	42152	4.932	ug/L	96
25) Chloroform	4.365	83	195636	4.868	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	111719	5.075	ug/L	97
29) 1,1,1-Trichloroethane	4.597	97	161537	4.916	ug/L	99
30) Cyclohexane	4.671	56	193067	4.859	ug/L	100
31) Carbon tetrachloride	4.818	117	124335	4.743	ug/L	98
33) Benzene	5.092	78	487503	5.392	ug/L	100
34) Trichloroethene	5.905	95	112677	4.736	ug/L	98
35) Methylcyclohexane	6.124	83	175423	4.562	ug/L	99
37) 1,2-Dichloropropane	6.166	63	115948	4.946	ug/L	100
38) Bromodichloromethane	6.500	83	126334	4.816	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	138122	4.551	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	640870	54.147	ug/L	98
42) Toluene	7.381	91	465106	5.004	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	108845	4.655	ug/L	97
45) 1,1,2-Trichloroethane	7.831	97	70398	5.061	ug/L	99
47) Tetrachloroethene	7.966	164	73402	4.698	ug/L	98
48) 2-Hexanone	8.137	43	458329	51.186	ug/L	98
49) Dibromochloromethane	8.236	129	69212	4.760	ug/L	98
50) 1,2-Dibromoethane	8.342	107	59346	5.042	ug/L	99
51) Chlorobenzene	8.873	112	276825	4.901	ug/L	99
52) Ethylbenzene	9.005	91	493072	4.929	ug/L	100
53) m,p-Xylene	9.130	106	182201	4.906	ug/L	99
54) o-Xylene	9.535	106	180825	4.976	ug/L	99
55) Styrene	9.551	104	312549	5.030	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	73431	5.907	ug/L	98
59) Bromoform	9.722	173	34273	4.798	ug/L	97
60) Isopropylbenzene	9.921	105	482648	4.915	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	60973	5.233	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	407234	4.883	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	412250	4.970	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	205206	4.775	ug/L	97
65) 1,4-Dichlorobenzene	11.262	146	202465	4.809	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	191384	4.916	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	9182	5.248	ug/L	94
69) 1,3,5-Trichlorobenzene	12.632	180	151066	4.514	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	115248	4.437	ug/L	98
71) Naphthalene	13.497	128	11255	1.271	ug/L	97
72) 1,2,3-Trichlorobenzene	13.731	180	94399	4.514	ug/L	99

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

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