

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012423\
 Data File : VW029932.D
 Acq On : 24 Jan 2023 18:51
 Operator : SY/MD
 Sample : 01225-18MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9G4MSD

Quant Time: Jan 25 00:47:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 00:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	198093	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	205036	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	129081	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56578	3.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.565	69	56240	4.515	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.108	63	124905	4.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.902	46	123414	46.342	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.680%
24) Chloroform-d	4.339	84	122238	4.435	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.024	65	51407	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.044	84	227966	3.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.000%
36) 1,2-Dichloropropane-d6	6.063	67	72794	4.090	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.307	98	200871	3.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	7.616	79	22559	3.470	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.085	63	125170	47.295	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.600%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	61374	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	81834	3.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	69.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	91740	4.976	ug/L	100
3) Chloromethane	1.240	50	118532	6.109	ug/L	99
5) Vinyl chloride	1.307	62	129277	6.795	ug/L	98
6) Bromomethane	1.520	94	52670	5.686	ug/L	100
8) Chloroethane	1.581	64	96081	8.323	ug/L	95
9) Trichlorofluoromethane	1.751	101	142584	5.721	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	83458	5.685	ug/L	95
12) 1,1-Dichloroethene	2.114	96	90442	5.347	ug/L	89
13) Acetone	2.198	43	91697	48.242	ug/L	95
14) Carbon disulfide	2.291	76	267440	5.492	ug/L	100
15) Methyl Acetate	2.439	43	24711	4.992	ug/L	95
16) Methylene chloride	2.500	84	99998	4.759	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	179480	6.137	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	93079	5.920	ug/L	91
19) 1,1-Dichloroethane	3.182	63	178182	6.774	ug/L	98
21) 2-Butanone	3.989	43	141326	51.901	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	99613	5.945	ug/L	91
23) Bromochloromethane	4.236	128	40929	5.915	ug/L	85
25) Chloroform	4.365	83	172581	6.036	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	88422	6.365	ug/L	100
29) 1,1,1-Trichloroethane	4.597	97	145861	5.479	ug/L	97
30) Cyclohexane	4.667	56	136882	5.431	ug/L	95
31) Carbon tetrachloride	4.818	117	120149	5.186	ug/L	100
33) Benzene	5.092	78	398922	5.885	ug/L	100
34) Trichloroethene	5.905	95	93580	5.447	ug/L	97
35) Methylcyclohexane	6.124	83	137956	4.756	ug/L	95
37) 1,2-Dichloropropane	6.166	63	101929	6.421	ug/L	97
38) Bromodichloromethane	6.500	83	117608	5.728	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	113377	5.326	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	433966	64.055	ug/L	94
42) Toluene	7.378	91	419685	5.740	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	93170	5.431	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	64036	5.598	ug/L	98
47) Tetrachloroethene	7.966	164	77557	5.362	ug/L	99
48) 2-Hexanone	8.137	43	301619	62.287	ug/L	94
49) Dibromochloromethane	8.236	129	72376	5.392	ug/L	98
50) 1,2-Dibromoethane	8.342	107	56170	5.657	ug/L	100
51) Chlorobenzene	8.873	112	262581	5.656	ug/L	100
52) Ethylbenzene	9.002	91	425546	5.561	ug/L	100
53) m,p-Xylene	9.127	106	167307	5.524	ug/L	99
54) o-Xylene	9.532	106	160709	5.591	ug/L	100
55) Styrene	9.551	104	285640	5.778	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	79537	6.260	ug/L	96
59) Bromoform	9.722	173	36280	4.339	ug/L	99
60) Isopropylbenzene	9.921	105	425581	5.158	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	52753	5.519	ug/L	96
62) 1,3,5-Trimethylbenzene	10.529	105	351571	4.972	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	355547	5.043	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	211191	5.040	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	212476	5.087	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	197229	5.236	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	10745	4.754	ug/L	86
69) 1,3,5-Trichlorobenzene	12.632	180	164064	4.865	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	133479	5.065	ug/L	99
71) Naphthalene	13.490	128	196877	5.766	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	121468	5.553	ug/L	99

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

