

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033298.D
 Acq On : 13 Dec 2023 23:56
 Operator : SY/MD
 Sample : 05731-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY50MSD

Quant Time: Dec 14 01:02:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	136322	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	132755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	75936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	43942	5.028	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.600%	
7) Chloroethane-d5	1.532	69	32986	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 101.600%	
11) 1,1-Dichloroethene-d2	2.060	65	16671	4.793	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 95.800%	
20) 2-Butanone-d5	3.802	46	60509	58.509	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	= 117.020%	
24) Chloroform-d	4.249	84	97900	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.400%	
26) 1,2-Dichloroethane-d4	4.944	65	43721	5.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 110.400%	
32) Benzene-d6	4.960	84	184158	5.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.200%	
36) 1,2-Dichloropropane-d6	5.985	67	42075	5.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 107.600%	
41) Toluene-d8	7.243	98	180304	5.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.800%	
43) trans-1,3-Dichloroprop...	7.555	79	19066	5.347	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 107.000%	
46) 2-Hexanone-d5	8.027	63	61736	62.014	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 124.020%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	29398	5.561	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 111.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	72428	5.415	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 108.400%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	85730	5.041	ug/L	98
3) Chloromethane	1.214	50	50246	5.168	ug/L	98
5) Vinyl chloride	1.281	62	49518	5.032	ug/L	99
6) Bromomethane	1.487	94	31699	4.915	ug/L	98
8) Chloroethane	1.548	64	27172	4.786	ug/L	93
9) Trichlorofluoromethane	1.712	101	90197	4.996	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	40737	4.880	ug/L	99
12) 1,1-Dichloroethene	2.069	96	38501	4.933	ug/L	96
13) Acetone	2.130	43	36844	50.336	ug/L #	57
14) Carbon disulfide	2.243	76	123976	4.878	ug/L	99
15) Methyl Acetate	2.381	43	8010	4.129	ug/L #	83
16) Methylene chloride	2.445	84	43022	4.786	ug/L	93
17) Methyl tert-butyl Ether	2.703	73	84383	5.250	ug/L #	88
18) trans-1,2-Dichloroethene	2.696	96	47486	5.025	ug/L	97
19) 1,1-Dichloroethane	3.111	63	73885	4.983	ug/L	98
21) 2-Butanone	3.883	43	54616	51.219	ug/L	99
22) cis-1,2-Dichloroethene	3.815	96	51336	5.258	ug/L	94
23) Bromochloromethane	4.149	128	22370	5.306	ug/L	91
25) Chloroform	4.275	83	97336	5.567	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	51360	5.352	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	92303	5.014	ug/L	99
30) Cyclohexane	4.584	56	66640	5.674	ug/L	98
31) Carbon tetrachloride	4.735	117	90346	5.253	ug/L	96
33) Benzene	5.008	78	209013	5.876	ug/L	100
34) Trichloroethene	5.831	95	66238	6.387	ug/L	98
35) Methylcyclohexane	6.050	83	87482	5.695	ug/L	99
37) 1,2-Dichloropropane	6.095	63	34857	4.872	ug/L	96
38) Bromodichloromethane	6.432	83	60445	5.264	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	61085	5.257	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	142786	56.398	ug/L	99
42) Toluene	7.313	91	319339	7.837	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	50371	5.201	ug/L	98
45) 1,1,2-Trichloroethane	7.770	97	29199	5.299	ug/L	97
47) Tetrachloroethene	7.905	164	50965	5.190	ug/L	96
48) 2-Hexanone	8.079	43	104024	57.008	ug/L	98
49) Dibromochloromethane	8.178	129	41290	5.342	ug/L	100
50) 1,2-Dibromoethane	8.284	107	28020	5.476	ug/L	90
51) Chlorobenzene	8.815	112	144231	5.168	ug/L	100
52) Ethylbenzene	8.947	91	263711	5.777	ug/L	99
53) m,p-Xylene	9.072	106	111394	5.929	ug/L	94
54) o-Xylene	9.477	106	99929	5.616	ug/L	94
55) Styrene	9.497	104	161244	5.523	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	28179	5.248	ug/L	98
59) Bromoform	9.667	173	24276	5.204	ug/L	96
60) Isopropylbenzene	9.866	105	257498	5.118	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	21646	5.378	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	208894	5.077	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	217733	5.350	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	132442	5.173	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	131457	5.161	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	114971	5.224	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	5137	5.457	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	103064	5.043	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	81105	5.152	ug/L	96
71) Naphthalene	13.442	128	96463	5.289	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	67365	5.330	ug/L	98

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

