

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032288.D
 Acq On : 06 Oct 2023 07:08
 Operator : SY/MD
 Sample : 04748-31MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX874MSD

Quant Time: Oct 06 08:01:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	79836	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	74549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	33410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30206	4.652	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.532	69	28092	5.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.060	65	12285	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	3.825	46	106499	64.839	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.680%
24) Chloroform-d	4.252	84	65478	5.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.400%
26) 1,2-Dichloroethane-d4	4.947	65	29866	5.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.963	84	108818	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	5.995	67	36037	4.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.246	98	91079	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.561	79	12550	4.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.034	63	75653	62.433	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.860%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30219	5.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	28732	4.634	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	55500	6.238	ug/L	100
3) Chloromethane	1.217	50	61491	6.856	ug/L	99
5) Vinyl chloride	1.282	62	58039	6.785	ug/L	99
6) Bromomethane	1.487	94	33619	6.506	ug/L	98
8) Chloroethane	1.548	64	35071	6.810	ug/L	100
9) Trichlorofluoromethane	1.716	101	63929	6.232	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	33726	5.426	ug/L	99
12) 1,1-Dichloroethene	2.069	96	38128	6.512	ug/L	89
13) Acetone	2.150	43	84725	66.926	ug/L	95
14) Carbon disulfide	2.240	76	114300	5.584	ug/L	100
15) Methyl Acetate	2.388	43	20529	7.203	ug/L	95
16) Methylene chloride	2.449	84	45218	5.923	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	106910	6.707	ug/L	94
18) trans-1,2-Dichloroethene	2.693	96	40269	6.004	ug/L	97
19) 1,1-Dichloroethane	3.111	63	83611	6.627	ug/L	98
21) 2-Butanone	3.908	43	133621	67.496	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	44613	6.178	ug/L	99
23) Bromochloromethane	4.150	128	20786	6.842	ug/L	99
25) Chloroform	4.278	83	196368	15.864	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	47829	6.540	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	66173	6.529	ug/L	99
30) Cyclohexane	4.580	56	51082	4.586	ug/L	99
31) Carbon tetrachloride	4.735	117	338910	39.518	ug/L	99
33) Benzene	5.011	78	172935	6.589	ug/L	100
34) Trichloroethene	5.831	95	108533	15.147	ug/L	97
35) Methylcyclohexane	6.050	83	45181	4.075	ug/L	97
37) 1,2-Dichloropropane	6.098	63	47150	6.717	ug/L	99
38) Bromodichloromethane	6.436	83	54326	6.514	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	56904	5.697	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	316253	71.195	ug/L	100
42) Toluene	7.317	91	192008	6.862	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	46135	5.620	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	32603	6.584	ug/L	99
47) Tetrachloroethene	7.905	164	26110	4.805	ug/L	98
48) 2-Hexanone	8.085	43	227299	72.525	ug/L	99
49) Dibromochloromethane	8.182	129	32477	6.300	ug/L	96
50) 1,2-Dibromoethane	8.288	107	30961	6.611	ug/L	97
51) Chlorobenzene	8.818	112	94494	5.245	ug/L	97
52) Ethylbenzene	8.950	91	160186	5.141	ug/L	100
53) m,p-Xylene	9.075	106	62738	5.429	ug/L	100
54) o-Xylene	9.481	106	59259	5.322	ug/L	97
55) Styrene	9.500	104	100234	5.330	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	36200	6.644	ug/L	99
59) Bromoform	9.670	173	16533	6.805	ug/L	99
60) Isopropylbenzene	9.870	105	139917	5.389	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	26016	7.316	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	108068	5.107	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	111117	5.274	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	65388	5.271	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	65617	5.273	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	63866	5.645	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	4829	6.646	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	40133	4.418	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	35590	4.417	ug/L	97
71) Naphthalene	13.445	128	72349	5.286	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	33312	4.798	ug/L	97

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

