

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032289.D
 Acq On : 06 Oct 2023 07:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

Quant Time: Oct 06 08:03:33 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	5.535	114	89685	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	91727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	48224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	34128	4.679	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.532	69	29812	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.060	65	14380	4.675	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	3.831	46	106695	57.825	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.660%
24) Chloroform-d	4.253	84	66158	5.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.947	65	31164	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	4.960	84	123172	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.992	67	40079	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.246	98	118198	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	7.558	79	13617	4.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.037	63	75770	50.820	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	31906	5.101	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	43607	4.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	56555	5.659	ug/L	100
3) Chloromethane	1.214	50	53639	5.324	ug/L	98
5) Vinyl chloride	1.282	62	53551	5.573	ug/L	98
6) Bromomethane	1.487	94	31164	5.369	ug/L	98
8) Chloroethane	1.549	64	31445	5.436	ug/L	99
9) Trichlorofluoromethane	1.712	101	65363	5.672	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	39009	5.587	ug/L	99
12) 1,1-Dichloroethene	2.069	96	36801	5.595	ug/L	94
13) Acetone	2.156	43	64791	45.559	ug/L	94
14) Carbon disulfide	2.240	76	111687	4.857	ug/L	100
15) Methyl Acetate	2.388	43	17464	5.455	ug/L	98
16) Methylene chloride	2.446	84	48405	5.645	ug/L	92
17) Methyl tert-butyl Ether	2.712	73	93116	5.200	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	37600	4.991	ug/L	95
19) 1,1-Dichloroethane	3.111	63	75177	5.305	ug/L	99
21) 2-Butanone	3.912	43	117025	52.621	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	41894	5.164	ug/L	95
23) Bromochloromethane	4.146	128	18026	5.282	ug/L	98
25) Chloroform	4.278	83	74304	5.343	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	42712	5.199	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	62204	4.988	ug/L	99
30) Cyclohexane	4.577	56	64490	4.706	ug/L	99
31) Carbon tetrachloride	4.732	117	52655	4.990	ug/L	99
33) Benzene	5.008	78	157786	4.886	ug/L	100
34) Trichloroethene	5.835	95	45835	5.199	ug/L	97
35) Methylcyclohexane	6.050	83	65695	4.815	ug/L	97
37) 1,2-Dichloropropane	6.095	63	44794	5.186	ug/L	99
38) Bromodichloromethane	6.436	83	51792	5.047	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	55879	4.546	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	271064	49.595	ug/L	100
42) Toluene	7.317	91	173830	5.049	ug/L	97
44) trans-1,3-Dichloropropene	7.587	75	44715	4.427	ug/L	100
45) 1,1,2-Trichloroethane	7.773	97	31283	5.135	ug/L	98
47) Tetrachloroethene	7.905	164	32047	4.793	ug/L	98
48) 2-Hexanone	8.085	43	193711	50.233	ug/L	99
49) Dibromochloromethane	8.182	129	32185	5.074	ug/L	94
50) 1,2-Dibromoethane	8.288	107	28315	4.914	ug/L	99
51) Chlorobenzene	8.815	112	108801	4.909	ug/L	99
52) Ethylbenzene	8.947	91	183571	4.788	ug/L	100
53) m,p-Xylene	9.076	106	69228	4.869	ug/L	99
54) o-Xylene	9.481	106	66260	4.836	ug/L	98
55) Styrene	9.497	104	118372	5.116	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.182	83	33734	5.032	ug/L	99
59) Bromoform	9.670	173	16474	4.698	ug/L	99
60) Isopropylbenzene	9.870	105	183451	4.895	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	25668	5.001	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	142374	4.661	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	144051	4.737	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	86889	4.853	ug/L	99
65) 1,4-Dichlorobenzene	11.211	146	87053	4.846	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	80184	4.910	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	4846	4.621	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	60713	4.631	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	52574	4.520	ug/L	99
71) Naphthalene	13.442	128	92702	4.692	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	49641	4.954	ug/L	99

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

