

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
 Data File : VV031829.D
 Acq On : 17 Aug 2023 13:43
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV271

Quant Time: Aug 18 02:29:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 18 02:24:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	213043	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	216598	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	121742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	66089	5.214	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%
7) Chloroethane-d5	1.532	69	70083	5.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.400%
11) 1,1-Dichloroethene-d2	2.060	65	31973	4.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	3.815	46	236923	54.297	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.600%
24) Chloroform-d	4.249	84	173887	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.950	65	87528	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.966	84	305876	5.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.995	67	94928	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.246	98	310350	5.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
43) trans-1,3-Dichloroprop...	7.561	79	37809	5.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	117.400%
46) 2-Hexanone-d5	8.034	63	179894	58.588	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.180%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	81645	5.611	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	117123	5.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	98871	5.112	ug/L	98
3) Chloromethane	1.217	50	98696	5.299	ug/L	99
5) Vinyl chloride	1.282	62	99323	5.390	ug/L	94
6) Bromomethane	1.487	94	62748	5.193	ug/L	89
8) Chloroethane	1.548	64	55609	4.815	ug/L	98
9) Trichlorofluoromethane	1.712	101	148214	5.097	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	78475	4.795	ug/L	94
12) 1,1-Dichloroethene	2.069	96	68178	4.820	ug/L	78
13) Acetone	2.146	43	138703	55.396	ug/L	98
14) Carbon disulfide	2.240	76	203012	5.191	ug/L	100
15) Methyl Acetate	2.391	43	34954	5.276	ug/L	98
16) Methylene chloride	2.449	84	78483	4.146	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	162739	5.590	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	70172	5.296	ug/L	93
19) 1,1-Dichloroethane	3.117	63	145749	5.210	ug/L	98
21) 2-Butanone	3.896	43	187348	55.083	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	70236	5.196	ug/L	93
23) Bromochloromethane	4.156	128	35084	5.093	ug/L	94
25) Chloroform	4.281	83	140330	4.712	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	89067	5.053	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	132774	5.420	ug/L	96
30) Cyclohexane	4.587	56	92381	5.482	ug/L	99
31) Carbon tetrachloride	4.738	117	115797	5.341	ug/L	96
33) Benzene	5.015	78	281520	5.463	ug/L	100
34) Trichloroethene	5.838	95	73660	5.009	ug/L	97
35) Methylcyclohexane	6.056	83	88612	5.334	ug/L	98
37) 1,2-Dichloropropane	6.101	63	68610	4.652	ug/L	98
38) Bromodichloromethane	6.439	83	102189	5.285	ug/L #	98
39) cis-1,3-Dichloropropene	6.960	75	99703	5.668	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	458059	59.417	ug/L	100
42) Toluene	7.320	91	294961	5.770	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	87165	5.544	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	59076	5.290	ug/L	95
47) Tetrachloroethene	7.912	164	59994	5.549	ug/L	93
48) 2-Hexanone	8.082	43	356541	58.608	ug/L	97
49) Dibromochloromethane	8.182	129	64841	5.142	ug/L	94
50) 1,2-Dibromoethane	8.288	107	52355	5.092	ug/L	92
51) Chlorobenzene	8.818	112	192951	5.518	ug/L	95
52) Ethylbenzene	8.953	91	290805	5.649	ug/L	99
53) m,p-Xylene	9.079	106	103419	5.613	ug/L	95
54) o-Xylene	9.484	106	100882	5.753	ug/L	92
55) Styrene	9.500	104	181790	5.683	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	57565	5.176	ug/L	97
59) Bromoform	9.670	173	36803	5.152	ug/L	98
60) Isopropylbenzene	9.873	105	278484	5.658	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	47664	4.739	ug/L	96
62) 1,3,5-Trimethylbenzene	10.481	105	217970	5.453	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	220386	5.501	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	152663	5.343	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	159902	5.528	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	148416	5.455	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	10911	5.792	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	119643	5.857	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	92916	5.405	ug/L	98
71) Naphthalene	13.445	128	154770	6.155	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	90481	5.824	ug/L	98

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

