

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025071.D
 Acq On : 17 Mar 2022 01:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005335

Quant Time: Mar 17 06:29:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 05:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145682	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138351	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67186	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47046	4.090	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.568	69	37475	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.111	63	83401	4.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	3.899	46	83376	59.983	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.960%
24) Chloroform-d	4.352	84	91362	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.037	65	38768	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.050	84	180026	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.072	67	53863	4.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.317	98	164174	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	7.625	79	17301	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	68933	50.232	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.460%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34263	5.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	52432	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	58201	4.522	ug/L	98
3) Chloromethane	1.243	50	59875	4.932	ug/L	99
5) Vinyl chloride	1.311	62	63177	4.932	ug/L	100
6) Bromomethane	1.523	94	41597	5.025	ug/L	100
8) Chloroethane	1.587	64	39728	5.115	ug/L	100
9) Trichlorofluoromethane	1.754	101	86541	4.968	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	44292	4.689	ug/L	98
12) 1,1-Dichloroethene	2.121	96	47922	5.164	ug/L	94
13) Acetone	2.188	43	54043	58.135	ug/L	78
14) Carbon disulfide	2.298	76	151235	4.554	ug/L	99
15) Methyl Acetate	2.442	43	15634	6.138	ug/L	94
16) Methylene chloride	2.510	84	58540	5.206	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	104416	5.165	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	54299	4.862	ug/L	99
19) 1,1-Dichloroethane	3.191	63	97980	5.155	ug/L	99
21) 2-Butanone	3.982	43	89490	60.993	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	58107	5.153	ug/L	98
23) Bromochloromethane	4.256	128	24454	5.501	ug/L	90
25) Chloroform	4.378	83	103366	5.223	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	51145	5.197	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	89088	5.049	ug/L	99
30) Cyclohexane	4.680	56	76510	4.457	ug/L	99
31) Carbon tetrachloride	4.831	117	75271	4.973	ug/L	100
33) Benzene	5.101	78	227418	5.054	ug/L	100
34) Trichloroethene	5.915	95	58965	4.921	ug/L	99
35) Methylcyclohexane	6.130	83	78554	4.142	ug/L	99
37) 1,2-Dichloropropane	6.172	63	54179	5.239	ug/L	100
38) Bromodichloromethane	6.510	83	65583	5.015	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	68342	4.760	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	224232	52.696	ug/L	98
42) Toluene	7.387	91	240251	5.101	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	54080	4.787	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	36591	5.298	ug/L	99
47) Tetrachloroethene	7.976	164	40081	4.755	ug/L	98
48) 2-Hexanone	8.140	43	156530	51.887	ug/L	97
49) Dibromochloromethane	8.246	129	38394	4.966	ug/L	99
50) 1,2-Dibromoethane	8.352	107	33046	5.228	ug/L #	98
51) Chlorobenzene	8.883	112	147966	5.018	ug/L	99
52) Ethylbenzene	9.011	91	248069	4.979	ug/L	99
53) m,p-xylene	9.137	106	95117	4.958	ug/L	100
54) o-xylene	9.542	106	93816	5.114	ug/L	99
55) Styrene	9.561	104	157315	5.265	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	35923	5.305	ug/L	98
59) Bromoform	9.731	173	16006	4.423	ug/L	98
60) Isopropylbenzene	9.931	105	246524	4.866	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	28723	5.083	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	105639	4.595	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	195327	4.797	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	108239	4.925	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	106924	4.826	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	96276	4.944	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	4654	4.805	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	71259	4.590	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	55619	4.598	ug/L	99
71) Naphthalene	13.500	128	91804	4.571	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	47901	4.674	ug/L	98

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

