

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091422\
 Data File : VW027818.D
 Acq On : 14 Sep 2022 10:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

Quant Time: Sep 15 02:23:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 15 02:23:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.638	114	138154	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.866	117	132272	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	44246	4.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.577	69	43209	5.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.150	63	96194	4.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	4.021	46	102389	50.733	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.460%
24) Chloroform-d	4.394	84	113313	6.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	121.600%
26) 1,2-Dichloroethane-d4	5.063	65	61413	6.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.600%
32) Benzene-d6	5.066	84	215828	5.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
36) 1,2-Dichloropropane-d6	6.130	67	54935	4.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.346	98	183549	5.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	7.651	79	18832	4.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.120	63	71092	50.742	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.480%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	40423	5.603	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	63958	5.081	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	74290	5.478	ug/L	99
3) Chloromethane	1.233	50	55867	4.524	ug/L	96
5) Vinyl chloride	1.304	62	62476	5.023	ug/L	99
6) Bromomethane	1.529	94	33579	5.012	ug/L	95
8) Chloroethane	1.597	64	39091	5.473	ug/L	100
9) Trichlorofluoromethane	1.780	101	112497	5.582	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.159	101	53443	5.440	ug/L	95
12) 1,1-Dichloroethene	2.163	96	48988	5.350	ug/L	81
13) Acetone	2.288	43	64877	43.143	ug/L	93
14) Carbon disulfide	2.330	76	119036	4.378	ug/L	98
15) Methyl Acetate	2.497	43	15361	3.851	ug/L #	77
16) Methylene chloride	2.542	84	54152	4.593	ug/L	89
17) Methyl tert-butyl Ether	2.825	73	124073	5.709	ug/L	98
18) trans-1,2-Dichloroethene	2.789	96	51271	5.302	ug/L	93
19) 1,1-Dichloroethane	3.227	63	94224	5.193	ug/L	99
21) 2-Butanone	4.108	43	108607	51.165	ug/L	96
22) cis-1,2-Dichloroethene	3.953	96	59364	5.633	ug/L #	89
23) Bromochloromethane	4.291	128	25783	5.826	ug/L #	79
25) Chloroform	4.420	83	110221	5.475	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.156	62	74698	6.120	ug/L	99
29) 1,1,1-Trichloroethane	4.638	97	104265	5.125	ug/L	99
30) Cyclohexane	4.696	56	75325	4.506	ug/L	92
31) Carbon tetrachloride	4.847	117	90702	5.247	ug/L	99
33) Benzene	5.114	78	224482	5.138	ug/L	100
34) Trichloroethene	5.947	95	52507	4.802	ug/L	95
35) Methylcyclohexane	6.182	83	73738	4.391	ug/L	96
37) 1,2-Dichloropropane	6.233	63	50089	4.832	ug/L	98
38) Bromodichloromethane	6.558	83	69873	5.083	ug/L	99
39) cis-1,3-Dichloropropene	7.066	75	62561	4.780	ug/L	97
40) 4-Methyl-2-pentanone	7.278	43	235029	50.021	ug/L	98
42) Toluene	7.416	91	229189	5.416	ug/L	99
44) trans-1,3-Dichloropropene	7.680	75	56034	5.101	ug/L	99
45) 1,1,2-Trichloroethane	7.866	97	37080	5.520	ug/L	96
47) Tetrachloroethene	7.995	164	45564	5.193	ug/L	94
48) 2-Hexanone	8.172	43	182309	53.370	ug/L	95
49) Dibromochloromethane	8.265	129	47142	5.528	ug/L	100
50) 1,2-Dibromoethane	8.374	107	33452	5.507	ug/L	99
51) Chlorobenzene	8.895	112	140386	5.112	ug/L	98
52) Ethylbenzene	9.024	91	221332	5.043	ug/L	100
53) m,p-Xylene	9.149	106	89678	5.195	ug/L	98
54) o-Xylene	9.551	106	85593	5.202	ug/L	98
55) Styrene	9.567	104	153455	5.393	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	39917	5.303	ug/L	100
59) Bromoform	9.738	173	24506	5.283	ug/L	99
60) Isopropylbenzene	9.937	105	235320	4.909	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	30716	5.062	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	64163	4.752	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	176327	4.594	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	123964	5.107	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	122632	5.013	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	110096	4.994	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6200	4.760	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	92434	5.026	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	68340	4.700	ug/L	98
71) Naphthalene	13.500	128	86818	3.801	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	58807	4.539	ug/L	99

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

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