

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061322\
 Data File : VW026199.D
 Acq On : 13 Jun 2022 10:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005311

Quant Time: Jun 14 02:31:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	194753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	188621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	97242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	103697	4.072	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.577	69	81886	4.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.117	63	170573	4.165	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.918	46	109707	57.739	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.480%
24) Chloroform-d	4.355	84	154277	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.037	65	68278	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.053	84	317860	4.323	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.072	67	91288	4.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.317	98	292003	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	29316	4.580	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.091	63	99387	49.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57027	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	90738	4.163	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.140	85	84568	4.724	ug/L	100
3) Chloromethane	1.252	50	88311	4.545	ug/L	100
5) Vinyl chloride	1.323	62	94337	4.636	ug/L	98
6) Bromomethane	1.532	94	53381	4.489	ug/L	99
8) Chloroethane	1.597	64	56841	4.478	ug/L	99
9) Trichlorofluoromethane	1.764	101	126847	4.628	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	75252	4.832	ug/L	98
12) 1,1-Dichloroethene	2.127	96	68711	4.614	ug/L	92
13) Acetone	2.217	43	54737	50.456	ug/L	99
14) Carbon disulfide	2.304	76	172900	4.572	ug/L	99
15) Methyl Acetate	2.455	43	15951	5.035	ug/L #	90
16) Methylene chloride	2.516	84	80088	5.218	ug/L	98
17) Methyl tert-butyl Ether	2.780	73	121629	5.023	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	64849	4.542	ug/L	99
19) 1,1-Dichloroethane	3.198	63	125025	4.563	ug/L	98
21) 2-Butanone	4.002	43	84913	57.503	ug/L	86
22) cis-1,2-Dichloroethene	3.921	96	67448	4.696	ug/L	96
23) Bromochloromethane	4.256	128	30410	5.070	ug/L	92
25) Chloroform	4.381	83	133792	4.672	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	64578	4.852	ug/L	99
29) 1,1,1-Trichloroethane	4.612	97	111844	4.522	ug/L	99
30) Cyclohexane	4.683	56	89063	4.702	ug/L	99
31) Carbon tetrachloride	4.831	117	94390	4.722	ug/L	99
33) Benzene	5.101	78	274721	4.816	ug/L	100
34) Trichloroethene	5.918	95	69245	4.494	ug/L	97
35) Methylcyclohexane	6.133	83	98526	4.730	ug/L	99
37) 1,2-Dichloropropane	6.175	63	67861	4.592	ug/L	99
38) Bromodichloromethane	6.513	83	83311	4.733	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	81074	4.917	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	265198	50.147	ug/L	93
42) Toluene	7.387	91	297168	4.920	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	67812	5.229	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	43985	4.729	ug/L	98
47) Tetrachloroethene	7.972	164	52908	4.782	ug/L	98
48) 2-Hexanone	8.140	43	210387	56.022	ug/L	97
49) Dibromochloromethane	8.246	129	50186	4.943	ug/L	95
50) 1,2-Dibromoethane	8.352	107	40116	5.041	ug/L	95
51) Chlorobenzene	8.879	112	182994	4.712	ug/L	99
52) Ethylbenzene	9.011	91	289721	4.835	ug/L	98
53) m,p-Xylene	9.136	106	115908	5.053	ug/L	97
54) o-Xylene	9.542	106	107917	4.866	ug/L	96
55) Styrene	9.558	104	189489	5.182	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	46040	4.883	ug/L	98
59) Bromoform	9.731	173	22512	4.820	ug/L	99
60) Isopropylbenzene	9.931	105	291308	4.581	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34895	4.678	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	221222	4.412	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	225090	4.561	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	141191	4.657	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	140714	4.678	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	127552	4.692	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6155	4.701	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	99994	4.692	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	74040	4.826	ug/L	99
71) Naphthalene	13.500	128	104179	4.858	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62520	4.936	ug/L	94

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

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