

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051622\
 Data File : VW025917.D
 Acq On : 16 May 2022 17:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005290

Quant Time: May 17 08:03:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 17 07:58:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	177433	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	180808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	100274	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	70082	4.782	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.568	69	63252	5.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.111	63	161630	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	3.908	46	98765	58.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.400%
24) Chloroform-d	4.352	84	123167	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.034	65	51483	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.053	84	243853	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.072	67	70475	5.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	228743	5.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	7.622	79	19718	4.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.091	63	83784	50.549	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45963	5.227	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	67602	4.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	86952	4.544	ug/L	99
3) Chloromethane	1.243	50	115766	5.179	ug/L	99
5) Vinyl chloride	1.314	62	119991	5.104	ug/L	99
6) Bromomethane	1.523	94	54718	3.998	ug/L	99
8) Chloroethane	1.587	64	84100	5.515	ug/L	98
9) Trichlorofluoromethane	1.754	101	155041	4.942	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	80658	4.587	ug/L	99
12) 1,1-Dichloroethene	2.121	96	88084	5.165	ug/L	98
13) Acetone	2.195	43	98347	60.109	ug/L	74
14) Carbon disulfide	2.294	76	210357	4.788	ug/L	99
15) Methyl Acetate	2.449	43	22937	6.154	ug/L	99
16) Methylene chloride	2.510	84	83099	4.800	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	146058	5.368	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	75266	5.061	ug/L	97
19) 1,1-Dichloroethane	3.191	63	151814	5.393	ug/L	98
21) 2-Butanone	3.989	43	139771	59.488	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	79270	5.218	ug/L	100
23) Bromochloromethane	4.249	128	34229	5.327	ug/L	95
25) Chloroform	4.378	83	153667	5.385	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	83929	5.580	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	130057	5.275	ug/L	98
30) Cyclohexane	4.680	56	100402	4.573	ug/L	99
31) Carbon tetrachloride	4.828	117	105028	5.033	ug/L	99
33) Benzene	5.101	78	329141	5.375	ug/L	100
34) Trichloroethene	5.915	95	76676	4.903	ug/L	99
35) Methylcyclohexane	6.130	83	103133	4.295	ug/L	99
37) 1,2-Dichloropropane	6.175	63	81757	5.660	ug/L	99
38) Bromodichloromethane	6.510	83	97912	5.393	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	82556	4.428	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	373809	55.948	ug/L	97
42) Toluene	7.387	91	340024	5.334	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	66877	4.397	ug/L	95
45) 1,1,2-Trichloroethane	7.837	97	53342	5.379	ug/L	93
47) Tetrachloroethene	7.976	164	56069	4.627	ug/L	98
48) 2-Hexanone	8.140	43	270970	57.368	ug/L	99
49) Dibromochloromethane	8.246	129	53914	4.976	ug/L	100
50) 1,2-Dibromoethane	8.352	107	46806	5.310	ug/L	97
51) Chlorobenzene	8.882	112	207327	5.014	ug/L	99
52) Ethylbenzene	9.011	91	330816	4.934	ug/L	99
53) m,p-Xylene	9.136	106	132983	5.136	ug/L	97
54) o-Xylene	9.545	106	127082	5.154	ug/L	99
55) Styrene	9.561	104	223623	5.397	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	60328	5.631	ug/L	96
59) Bromoform	9.731	173	23347	4.489	ug/L	98
60) Isopropylbenzene	9.931	105	331029	4.940	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	43246	5.180	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	133379	4.660	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	253459	4.830	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	152567	4.811	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	150560	4.664	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	139395	4.893	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7781	4.812	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	101616	4.302	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	77998	4.353	ug/L	99
71) Naphthalene	13.503	128	118818	4.428	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	68783	4.443	ug/L	99

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

