

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120622\
 Data File : VW029403.D
 Acq On : 06 Dec 2022 09:44
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005378

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 06 21:45:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 02 21:17:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	236390	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	215884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	117066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74128	5.096	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.565	69	56213	5.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.105	63	115033	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.908	46	111353	45.756	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.520%
24) Chloroform-d	4.336	84	129182	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.024	65	53364	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.040	84	268470	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.060	67	78276	4.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.307	98	248909	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.613	79	29328	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.085	63	109548	47.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.080%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	53628	5.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	86913	4.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	81650	4.629	ug/L	99
3) Chloromethane	1.240	50	87223	5.397	ug/L	99
5) Vinyl chloride	1.307	62	82056	5.096	ug/L	99
6) Bromomethane	1.520	94	39762	3.957	ug/L	97
8) Chloroethane	1.581	64	50905	5.319	ug/L	99
9) Trichlorofluoromethane	1.751	101	113231	5.023	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	67538	5.374	ug/L	96
12) 1,1-Dichloroethene	2.114	96	62907	5.175	ug/L	96
13) Acetone	2.204	43	85561	48.354	ug/L	96
14) Carbon disulfide	2.288	76	183100	5.184	ug/L	99
15) Methyl Acetate	2.439	43	25237m	4.963	ug/L	
16) Methylene chloride	2.500	84	80355	4.327	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	165043	5.311	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	74762	5.359	ug/L	96
19) 1,1-Dichloroethane	3.182	63	140392	5.592	ug/L	98
21) 2-Butanone	3.989	43	136860	49.407	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	85394	5.352	ug/L	93
23) Bromochloromethane	4.236	128	35476	5.550	ug/L	98
25) Chloroform	4.362	83	145022	5.532	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	72459	5.101	ug/L	96
29) 1,1,1-Trichloroethane	4.597	97	128710	5.183	ug/L	98
30) Cyclohexane	4.667	56	113657	4.631	ug/L	98
31) Carbon tetrachloride	4.818	117	108879	5.185	ug/L	99
33) Benzene	5.088	78	326168	5.052	ug/L	100
34) Trichloroethene	5.905	95	81722	4.961	ug/L	95
35) Methylcyclohexane	6.121	83	127099	4.571	ug/L	96
37) 1,2-Dichloropropane	6.166	63	80711	5.306	ug/L	99
38) Bromodichloromethane	6.500	83	102930	5.653	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	116934	5.259	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	367467	51.629	ug/L	99
42) Toluene	7.378	91	349598	5.045	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	92992	5.280	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	54966	5.338	ug/L	98
47) Tetrachloroethene	7.966	164	63730	4.720	ug/L	97
48) 2-Hexanone	8.137	43	262737	52.952	ug/L	99
49) Dibromochloromethane	8.236	129	67116	5.794	ug/L	94
50) 1,2-Dibromoethane	8.342	107	48964	5.449	ug/L	98
51) Chlorobenzene	8.873	112	223476	5.159	ug/L	98
52) Ethylbenzene	9.002	91	376503	5.211	ug/L	100
53) m,p-Xylene	9.130	106	146900	5.155	ug/L	97
54) o-Xylene	9.532	106	141155	5.042	ug/L	96
55) Styrene	9.551	104	254666	5.389	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	65426	6.140	ug/L	99
59) Bromoform	9.722	173	39891	6.486	ug/L	97
60) Isopropylbenzene	9.921	105	385805	5.097	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	44791	5.517	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	327639	5.000	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	334665	5.077	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	185733	5.260	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	181297	5.190	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	167473	5.148	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	9774	6.130	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	149939	5.154	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	120035	5.092	ug/L	99
71) Naphthalene	13.493	128	121635	5.960	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	99701	5.195	ug/L	98

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

