

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023027.D
 Acq On : 26 Oct 2021 09:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005324

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2021
 Supervised By : Mahesh Dadoda 11/03/2021

Quant Time: Oct 27 01:22:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	133242	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129799	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51537	4.426	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.565	69	35397	4.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.105	63	68248	4.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.905	46	94755	50.734	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.460%
24) Chloroform-d	4.346	84	98672	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.031	65	47485	5.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.047	84	204950	5.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
36) 1,2-Dichloropropane-d6	6.069	67	61682	5.287	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.314	98	195582	5.746	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
43) trans-1,3-Dichloroprop...	7.622	79	23886	5.844	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.800%
46) 2-Hexanone-d5	8.092	63	98255	64.930	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47245	5.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	69740	5.598	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42204	4.993	ug/L	98
3) Chloromethane	1.240	50	46562	5.096	ug/L	97
5) Vinyl chloride	1.307	62	46690	4.948	ug/L	100
6) Bromomethane	1.520	94	24584	5.156	ug/L	95
8) Chloroethane	1.584	64	25182	5.103	ug/L	100
9) Trichlorofluoromethane	1.751	101	65743	5.162	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	32273	4.444	ug/L	97
12) 1,1-Dichloroethene	2.114	96	28419	4.166	ug/L	99
13) Acetone	2.192	43	49759m	54.303	ug/L	
14) Carbon disulfide	2.288	76	83044	4.470	ug/L	100
15) Methyl Acetate	2.436	43	14795	4.244	ug/L #	88
16) Methylene chloride	2.500	84	37615	5.020	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	99865	6.132	ug/L	94
18) trans-1,2-Dichloroethene	2.751	96	46999	6.453	ug/L	97
19) 1,1-Dichloroethane	3.185	63	86386	6.456	ug/L	99
21) 2-Butanone	3.995	43	82488	45.983	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	48001	5.813	ug/L #	93
23) Bromochloromethane	4.243	128	21921	5.848	ug/L	90
25) Chloroform	4.372	83	94908	5.368	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42638	4.573	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	74247	5.062	ug/L	99
30) Cyclohexane	4.667	56	65999	5.154	ug/L	100
31) Carbon tetrachloride	4.822	117	66018	5.231	ug/L	98
33) Benzene	5.095	78	183433	5.251	ug/L	100
34) Trichloroethene	5.912	95	48429	5.519	ug/L	98
35) Methylcyclohexane	6.127	83	69023	5.493	ug/L	97
37) 1,2-Dichloropropane	6.172	63	45479	5.166	ug/L	99
38) Bromodichloromethane	6.510	83	57909	5.332	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	62885	5.736	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	259461	62.600	ug/L	98
42) Toluene	7.387	91	200417	5.662	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	52324	5.769	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	33393	5.422	ug/L	98
47) Tetrachloroethene	7.973	164	40312	5.438	ug/L	96
48) 2-Hexanone	8.143	43	198118	64.392	ug/L	99
49) Dibromochloromethane	8.246	129	41109	5.610	ug/L	98
50) 1,2-Dibromoethane	8.352	107	31070	5.603	ug/L	99
51) Chlorobenzene	8.883	112	128151	5.511	ug/L	98
52) Ethylbenzene	9.011	91	195860	5.575	ug/L	99
53) m,p-xylene	9.137	106	77963	5.533	ug/L	100
54) o-xylene	9.545	106	73578	5.547	ug/L	97
55) Styrene	9.561	104	130910	5.715	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	37944	5.512	ug/L	97
59) Bromoform	9.731	173	21983	5.403	ug/L	98
60) Isopropylbenzene	9.931	105	200643	5.682	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	28583	5.816	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	154110	5.434	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	161240	5.696	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	102518	5.518	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	104422	5.532	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	98023	5.667	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5402	5.571	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.648	180	79279	5.603	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	61891	5.845	ug/L	99
71) Naphthalene	13.503	128	93583	5.813	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	57571	5.857	ug/L	99

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

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