

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023668.D
 Acq On : 23 Nov 2021 13:44
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV258

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 24 04:31:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:22:49 2021
 Response via : Initial Calibration

11/24/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	177997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	174225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97101	5.000	ug/L	0.00

11/26/2021

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	56251	3.850	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.565	69	42323	3.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.108	63	107019	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.902	46	74811m	42.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.180%
24) Chloroform-d	4.343	84	100465	3.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.031	65	45419	3.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.047	84	193089	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.066	67	53468	4.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.314	98	188985	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.619	79	22504	4.196	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.088	63	77475	43.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38303	4.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	70459	4.104	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	84662	5.013	ug/L	99
3) Chloromethane	1.240	50	70671	4.814	ug/L	98
5) Vinyl chloride	1.307	62	76275	4.947	ug/L	99
6) Bromomethane	1.520	94	44333	5.071	ug/L	99
8) Chloroethane	1.584	64	45668	4.674	ug/L	93
9) Trichlorofluoromethane	1.751	101	123259	4.906	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	62836	4.991	ug/L	98
12) 1,1-Dichloroethene	2.118	96	60209	5.049	ug/L	95
13) Acetone	2.192	43	76220m	48.221	ug/L	
14) Carbon disulfide	2.291	76	200772	5.008	ug/L	100
15) Methyl Acetate	2.439	43	15866	4.422	ug/L	97
16) Methylene chloride	2.503	84	71367	4.194	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	128881	5.273	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	69074	5.085	ug/L	97
19) 1,1-Dichloroethane	3.185	63	115432	5.054	ug/L	99
21) 2-Butanone	3.982	43	110209m	55.087	ug/L	
22) cis-1,2-Dichloroethene	3.909	96	68189	5.235	ug/L	99
23) Bromochloromethane	4.246	128	31551	5.161	ug/L	94
25) Chloroform	4.368	83	123226	4.843	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	66536	4.919	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	115617	5.078	ug/L	99
30) Cyclohexane	4.674	56	101833	5.360	ug/L	99
31) Carbon tetrachloride	4.825	117	107755	5.167	ug/L	98
33) Benzene	5.095	78	263803	5.311	ug/L	100
34) Trichloroethene	5.908	95	70790	5.320	ug/L	96
35) Methylcyclohexane	6.127	83	114008	5.496	ug/L	97
37) 1,2-Dichloropropane	6.169	63	60319	5.109	ug/L	100
38) Bromodichloromethane	6.506	83	82712	5.162	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	89835	5.347	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	303313	53.816	ug/L	99
42) Toluene	7.384	91	293462	5.448	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	76533	5.420	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	43350	5.303	ug/L	97
47) Tetrachloroethene	7.973	164	63019	5.204	ug/L	97
48) 2-Hexanone	8.140	43	221210	53.103	ug/L	97
49) Dibromochloromethane	8.243	129	58008	5.178	ug/L	98
50) 1,2-Dibromoethane	8.349	107	40802	5.118	ug/L	99
51) Chlorobenzene	8.879	112	189144	5.296	ug/L	98
52) Ethylbenzene	9.011	91	310250	5.510	ug/L	99
53) m,p-xylene	9.137	106	122073	5.447	ug/L	97
54) o-xylene	9.542	106	117453	5.511	ug/L	99
55) Styrene	9.558	104	203349	5.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	46098	5.068	ug/L	100
59) Bromoform	9.731	173	32473	5.064	ug/L	100
60) Isopropylbenzene	9.931	105	317323	5.473	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33782	4.906	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	268972	5.575	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	270310	5.666	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	159169	5.369	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	158169	5.309	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	141580	5.219	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7034	5.144	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	125463	5.421	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	97357	5.421	ug/L	97
71) Naphthalene	13.503	128	136908	5.665	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	88202	5.668	ug/L	99

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

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