

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100821\
 Data File : VW022691.D
 Acq On : 08 Oct 2021 09:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005303

Manual Integrations
 APPROVED

MMDadoda
 10/11/2021 2:00:20 PM

Quant Time: Oct 09 01:18:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	126395	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40597	4.668	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.564	69	35558	4.550	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.105	63	78555	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.912	46	82910	36.361	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.720%
24) Chloroform-d	4.342	84	84043	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.030	65	38547	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.043	84	159288	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.069	67	49092	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.313	98	148322	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.622	79	15821	4.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.095	63	75022	50.183	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37057	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	58705	4.385	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	48353	5.249	ug/L	99
3) Chloromethane	1.240	50	48654	5.255	ug/L	100
5) Vinyl chloride	1.310	62	51032	5.335	ug/L	98
6) Bromomethane	1.519	94	33016	5.536	ug/L	96
8) Chloroethane	1.584	64	29863	5.046	ug/L	96
9) Trichlorofluoromethane	1.751	101	74173	5.294	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	44242	5.428	ug/L	99
12) 1,1-Dichloroethene	2.114	96	39546	5.180	ug/L	87
13) Acetone	2.188	43	41969m	33.008	ug/L	
14) Carbon disulfide	2.288	76	109816	5.118	ug/L	100
15) Methyl Acetate	2.436	43	11350	3.120	ug/L	92
16) Methylene chloride	2.500	84	42660	4.059	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	93790	5.077	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	42658	5.138	ug/L	99
19) 1,1-Dichloroethane	3.178	63	80887	5.409	ug/L	98
21) 2-Butanone	3.998	43	76951	36.963	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	48094	5.516	ug/L	96
23) Bromochloromethane	4.239	128	21977	5.674	ug/L	98
25) Chloroform	4.371	83	87955	5.074	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43558	5.034	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	69420	4.793	ug/L	99
30) Cyclohexane	4.664	56	61823	4.625	ug/L	98
31) Carbon tetrachloride	4.818	117	62421	4.965	ug/L	97
33) Benzene	5.092	78	167051	4.890	ug/L	100
34) Trichloroethene	5.908	95	45129	4.858	ug/L	98
35) Methylcyclohexane	6.124	83	65716	5.049	ug/L	94
37) 1,2-Dichloropropane	6.172	63	38747	4.716	ug/L	99
38) Bromodichloromethane	6.510	83	50395	4.978	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	52768	4.851	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	233429	52.875	ug/L	96
42) Toluene	7.384	91	184596	5.323	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	47142	5.317	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	31026	5.089	ug/L	98
47) Tetrachloroethene	7.972	164	38250	5.091	ug/L	98
48) 2-Hexanone	8.146	43	182550	56.553	ug/L	97
49) Dibromochloromethane	8.246	129	36889	5.169	ug/L	95
50) 1,2-Dibromoethane	8.352	107	29937	5.258	ug/L	99
51) Chlorobenzene	8.879	112	116206	5.099	ug/L	100
52) Ethylbenzene	9.011	91	178571	5.072	ug/L	98
53) m,p-xylene	9.136	106	72250	5.229	ug/L	98
54) o-xylene	9.542	106	70349	5.412	ug/L	94
55) Styrene	9.561	104	122245	5.457	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	32837	5.323	ug/L	99
59) Bromoform	9.731	173	20164	4.985	ug/L	96
60) Isopropylbenzene	9.931	105	186412	5.082	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	24982	4.979	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	147357	4.972	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	152504	5.142	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	98168	5.100	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	98234	5.026	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	90897	5.034	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4473	4.898	ug/L	91
69) 1,3,5-Trichlorobenzene	12.648	180	73381	5.060	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	55893	5.045	ug/L	98
71) Naphthalene	13.503	128	84175	4.781	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	52674	5.043	ug/L	97

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

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