

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029368.D
 Acq On : 25 Nov 2022 20:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005371

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/28/2022
 Supervised By :Mahesh Dadoda 11/28/2022

Quant Time: Nov 25 21:34:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	295360	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	270765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	138213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88566	4.873	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	1.565	69	67760	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.105	63	144419	4.965	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	3.902	46	157226	51.707	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.420%
24) Chloroform-d	4.339	84	168492	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.024	65	74777	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.043	84	356051	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.063	67	104146	4.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.307	98	335898	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.612	79	41007	5.058	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.085	63	164578	56.951	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.900%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73557	5.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	121847	5.046	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	106388	4.828	ug/L	98
3) Chloromethane	1.240	50	119587	5.922	ug/L	99
5) Vinyl chloride	1.307	62	106009	5.269	ug/L	100
6) Bromomethane	1.519	94	48099	3.831	ug/L	100
8) Chloroethane	1.581	64	65350	5.465	ug/L	95
9) Trichlorofluoromethane	1.751	101	142054	5.044	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	80238	5.110	ug/L	97
12) 1,1-Dichloroethene	2.114	96	77828	5.125	ug/L	98
13) Acetone	2.198	43	86394m	39.077	ug/L	
14) Carbon disulfide	2.288	76	221937	5.029	ug/L	99
15) Methyl Acetate	2.439	43	25892	4.075	ug/L	93
16) Methylene chloride	2.500	84	94471	4.071	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	201880	5.199	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	91807	5.267	ug/L	98
19) 1,1-Dichloroethane	3.182	63	166809	5.317	ug/L	98
21) 2-Butanone	3.989	43	146060	42.201	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	101852	5.109	ug/L	100
23) Bromochloromethane	4.240	128	43785	5.483	ug/L	97
25) Chloroform	4.365	83	168494	5.144	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	91372	5.149	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	149700	4.807	ug/L	99
30) Cyclohexane	4.670	56	148093	4.811	ug/L	99
31) Carbon tetrachloride	4.818	117	124113	4.712	ug/L	100
33) Benzene	5.092	78	384904	4.753	ug/L	100
34) Trichloroethene	5.905	95	97359	4.713	ug/L	98
35) Methylcyclohexane	6.124	83	160328	4.598	ug/L	98
37) 1,2-Dichloropropane	6.166	63	95439	5.003	ug/L	99
38) Bromodichloromethane	6.503	83	111359	4.876	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	135990	4.877	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	460103	51.542	ug/L	99
42) Toluene	7.381	91	417083	4.799	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	108324	4.904	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	64497	4.994	ug/L	99
47) Tetrachloroethene	7.966	164	79239	4.679	ug/L	98
48) 2-Hexanone	8.137	43	318372	51.159	ug/L	99
49) Dibromochloromethane	8.236	129	72105	4.963	ug/L	95
50) 1,2-Dibromoethane	8.346	107	56423	5.007	ug/L	94
51) Chlorobenzene	8.873	112	268131	4.936	ug/L	98
52) Ethylbenzene	9.005	91	444627	4.907	ug/L	99
53) m,p-Xylene	9.130	106	174266	4.876	ug/L	100
54) o-Xylene	9.535	106	173941	4.954	ug/L	99
55) Styrene	9.551	104	297831	5.025	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	74267	5.557	ug/L	99
59) Bromoform	9.722	173	38419	5.291	ug/L	99
60) Isopropylbenzene	9.921	105	461960	5.170	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	52799	5.508	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	381155	4.926	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	382926	4.920	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	208315	4.997	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	203780	4.941	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	194329	5.060	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	10294	5.468	ug/L	95
69) 1,3,5-Trichlorobenzene	12.632	180	166713	4.854	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	134604	4.836	ug/L	99
71) Naphthalene	13.493	128	127815	5.305	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	114056	5.034	ug/L	98

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

