

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101722\
 Data File : VV028600.D
 Acq On : 17 Oct 2022 20:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005326

Quant Time: Oct 18 02:52:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	206223	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	198654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	99440	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86741	4.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.565	69	74864	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.105	63	160873	5.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.902	46	159447m	41.790	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.580%
24) Chloroform-d	4.343	84	131630	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.031	65	65676	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	259147	4.040	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.066	67	84727	4.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.310	98	224834	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.619	79	27084	3.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.088	63	152329	50.470	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.940%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	61922	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	76485	4.661	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	60234	5.172	ug/L	98
3) Chloromethane	1.237	50	97019	4.976	ug/L	99
5) Vinyl chloride	1.307	62	99688	5.250	ug/L	97
6) Bromomethane	1.520	94	42882	5.015	ug/L	99
8) Chloroethane	1.581	64	64955	5.274	ug/L	98
9) Trichlorofluoromethane	1.751	101	125200	5.395	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	75240	5.499	ug/L	98
12) 1,1-Dichloroethene	2.114	96	71959	5.612	ug/L	94
13) Acetone	2.188	43	105683m	39.445	ug/L	
14) Carbon disulfide	2.291	76	156259	4.352	ug/L	99
15) Methyl Acetate	2.439	43	23046	3.635	ug/L #	87
16) Methylene chloride	2.503	84	73066	4.040	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	162543	4.991	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	65388	4.890	ug/L	98
19) 1,1-Dichloroethane	3.185	63	143454	4.767	ug/L	100
21) 2-Butanone	3.986	43	163015m	42.480	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	74093	4.901	ug/L #	96
23) Bromochloromethane	4.243	128	28252	4.873	ug/L	91
25) Chloroform	4.371	83	140891	4.940	ug/L	100

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27) 1,2-Dichloroethane	5.127	62	77068	4.539	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	111360	4.056	ug/L	98
30) Cyclohexane	4.670	56	122111	3.852	ug/L	97
31) Carbon tetrachloride	4.822	117	88059	4.079	ug/L	100
33) Benzene	5.095	78	303221	4.320	ug/L	100
34) Trichloroethene	5.912	95	72612	4.331	ug/L	97
35) Methylcyclohexane	6.127	83	116460	4.172	ug/L	98
37) 1,2-Dichloropropane	6.169	63	78214	4.378	ug/L	99
38) Bromodichloromethane	6.506	83	90174	4.426	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	99486	4.180	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	506948	52.113	ug/L	98
42) Toluene	7.384	91	314091	4.769	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	81412	4.461	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	50706	5.106	ug/L	97
47) Tetrachloroethene	7.969	164	49764	4.560	ug/L	97
48) 2-Hexanone	8.137	43	363241	53.983	ug/L	98
49) Dibromochloromethane	8.243	129	49951	4.716	ug/L	96
50) 1,2-Dibromoethane	8.349	107	45120	5.160	ug/L #	97
51) Chlorobenzene	8.876	112	190804	4.673	ug/L	100
52) Ethylbenzene	9.008	91	341738	4.671	ug/L	99
53) m,p-Xylene	9.133	106	125997	4.604	ug/L	99
54) o-Xylene	9.538	106	123536	4.658	ug/L	94
55) Styrene	9.555	104	213348	4.755	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	63110	5.172	ug/L	98
59) Bromoform	9.725	173	23216	4.637	ug/L	100
60) Isopropylbenzene	9.924	105	337754	4.653	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	44233	4.978	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	94617	4.333	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	270483	4.530	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	143745	4.694	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	142854	4.760	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	132221	4.813	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9089	4.927	ug/L	95
69) 1,3,5-Trichlorobenzene	12.638	180	104548	4.668	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	81107	4.754	ug/L	98
71) Naphthalene	13.493	128	116978	4.576	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	70318	5.001	ug/L	99

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

