

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071222\
 Data File : VW026741.D
 Acq On : 12 Jul 2022 21:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Quant Time: Jul 13 05:00:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 02:57:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	241486	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	238992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	102780	4.665	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.561	69	91061	4.784	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.600%	
11) 1,1-Dichloroethene-d2	2.101	63	208598	4.932	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.600%	
20) 2-Butanone-d5	3.915	46	195695	56.915	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.840%	
24) Chloroform-d	4.349	84	197191	5.119	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.034	65	88250	5.244	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.050	84	368852	5.079	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.069	67	111046	5.100	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.317	98	342926	5.320	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
43) trans-1,3-Dichloroprop...	7.625	79	30164	4.234	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.092	63	165025	53.504	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.000%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	86730	5.113	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	106099	4.812	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	160835	5.239	ug/L	99
3) Chloromethane	1.237	50	146367	4.968	ug/L	98
5) Vinyl chloride	1.304	62	158185	5.273	ug/L	99
6) Bromomethane	1.516	94	46479	2.589	ug/L	99
8) Chloroethane	1.577	64	93960	5.316	ug/L	91
9) Trichlorofluoromethane	1.748	101	206193	5.409	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	112372	5.146	ug/L	99
12) 1,1-Dichloroethene	2.111	96	111848	5.282	ug/L	95
13) Acetone	2.201	43	141789	49.012	ug/L #	42
14) Carbon disulfide	2.285	76	323253	5.182	ug/L	99
15) Methyl Acetate	2.445	43	35999m	6.153	ug/L	
16) Methylene chloride	2.503	84	129434	5.132	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	198056	5.429	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	107575	5.528	ug/L	95
19) 1,1-Dichloroethane	3.185	63	198701	5.591	ug/L	99
21) 2-Butanone	3.998	43	170117	50.423	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	103107	5.253	ug/L	96
23) Bromochloromethane	4.249	128	49470	5.471	ug/L	97
25) Chloroform	4.375	83	201567	5.415	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	113485	5.659	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	175290	5.443	ug/L	100
30) Cyclohexane	4.677	56	144415	5.262	ug/L	100
31) Carbon tetrachloride	4.825	117	146465	5.150	ug/L	98
33) Benzene	5.098	78	437131	5.471	ug/L	100
34) Trichloroethene	5.915	95	104685	5.331	ug/L	98
35) Methylcyclohexane	6.130	83	153949	5.136	ug/L	96
37) 1,2-Dichloropropane	6.175	63	110768	5.798	ug/L	100
38) Bromodichloromethane	6.510	83	128526	5.160	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	109049	4.593	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	520065	58.928	ug/L	96
42) Toluene	7.387	91	462599	5.733	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	91727	4.705	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	75722	5.422	ug/L	99
47) Tetrachloroethene	7.976	164	82450	5.353	ug/L	98
48) 2-Hexanone	8.143	43	391584	61.306	ug/L	97
49) Dibromochloromethane	8.246	129	77318	4.804	ug/L	96
50) 1,2-Dibromoethane	8.352	107	67742	5.482	ug/L	99
51) Chlorobenzene	8.883	112	277406	5.437	ug/L	99
52) Ethylbenzene	9.011	91	426091	5.336	ug/L	99
53) m,p-Xylene	9.140	106	169251	5.450	ug/L	97
54) o-Xylene	9.545	106	158185	5.360	ug/L	97
55) Styrene	9.561	104	291575	5.638	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	90375	5.466	ug/L	98
59) Bromoform	9.731	173	32429	3.994	ug/L	98
60) Isopropylbenzene	9.931	105	419777	5.319	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	63470	5.439	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	316155	5.035	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	324143	5.083	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	203319	5.258	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	204676	5.205	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	188431	5.218	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	12031	4.863	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	135803	4.968	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	98564	4.742	ug/L	99
71) Naphthalene	13.500	128	159368	4.628	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	94921	4.907	ug/L	99

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

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