

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025126.D
 Acq On : 23 Mar 2022 11:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 24 01:09:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 23 01:08:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	140987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45413	4.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.568	69	39295	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.108	63	81846	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.909	46	84814	63.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.100%
24) Chloroform-d	4.346	84	97926	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.031	65	40964	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.047	84	191259	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.066	67	57926	5.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.310	98	170645	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.622	79	19081	4.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.088	63	81032	61.781	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37030	5.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	57353	5.236	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	56272	4.517	ug/L	99
3) Chloromethane	1.240	50	50579	4.305	ug/L	99
5) Vinyl chloride	1.311	62	55646	4.489	ug/L	98
6) Bromomethane	1.523	94	35400	4.419	ug/L	97
8) Chloroethane	1.584	64	35428	4.714	ug/L	99
9) Trichlorofluoromethane	1.751	101	82387	4.887	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	45403	4.967	ug/L	98
12) 1,1-Dichloroethene	2.118	96	42316	4.711	ug/L	98
13) Acetone	2.204	43	51915m	57.705	ug/L	
14) Carbon disulfide	2.291	76	135138	4.205	ug/L	99
15) Methyl Acetate	2.449	43	12397	5.030	ug/L	90
16) Methylene chloride	2.507	84	65809	6.047	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	98562	5.038	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	51010	4.719	ug/L	98
19) 1,1-Dichloroethane	3.185	63	89361	4.858	ug/L	99
21) 2-Butanone	3.995	43	76908	54.163	ug/L	84
22) cis-1,2-Dichloroethene	3.909	96	53889	4.938	ug/L	98
23) Bromochloromethane	4.246	128	22554	5.242	ug/L	94
25) Chloroform	4.372	83	92672	4.838	ug/L	97

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27) 1,2-Dichloroethane	5.127	62	45682	4.797	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	82327	4.882	ug/L	99
30) Cyclohexane	4.671	56	76267	4.649	ug/L	99
31) Carbon tetrachloride	4.822	117	69968	4.836	ug/L	100
33) Benzene	5.095	78	206060	4.791	ug/L	100
34) Trichloroethene	5.912	95	56186	4.906	ug/L	99
35) Methylcyclohexane	6.127	83	86269	4.759	ug/L	98
37) 1,2-Dichloropropane	6.169	63	47220	4.777	ug/L	100
38) Bromodichloromethane	6.507	83	61427	4.915	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	66305	4.832	ug/L	97
40) 4-Methyl-2-pentanone	7.224	43	206830	50.856	ug/L	96
42) Toluene	7.384	91	221312	4.917	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	51288	4.750	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	33461	5.069	ug/L	99
47) Tetrachloroethene	7.973	164	38403	4.767	ug/L	98
48) 2-Hexanone	8.140	43	149300	51.781	ug/L	98
49) Dibromochloromethane	8.243	129	35940	4.864	ug/L	100
50) 1,2-Dibromoethane	8.349	107	30391	5.030	ug/L	98
51) Chlorobenzene	8.879	112	137843	4.891	ug/L	99
52) Ethylbenzene	9.008	91	233738	4.909	ug/L	99
53) m,p-xylene	9.137	106	92450	5.042	ug/L	97
54) o-xylene	9.542	106	86673	4.943	ug/L	95
55) Styrene	9.558	104	146398	5.126	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	32656	5.046	ug/L	97
59) Bromoform	9.728	173	16095	4.618	ug/L	99
60) Isopropylbenzene	9.928	105	236230	4.841	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	25771	4.736	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	107052	4.834	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	193306	4.929	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	105173	4.968	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	103289	4.840	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	92099	4.910	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4525	4.851	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	76026	5.085	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	58653	5.035	ug/L	99
71) Naphthalene	13.500	128	94846	4.903	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	49494	5.014	ug/L	98

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

