

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091622\
 Data File : VW027871.D
 Acq On : 16 Sep 2022 10:11
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005292

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/20/2022
 Supervised By :Mahesh Dadoda 09/20/2022

Quant Time: Sep 16 21:54:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	122085	5.000	ug/L	0.03
28) Chlorobenzene-d5	8.850	117	123243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72094	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31018	3.854	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.568	69	32720	4.793	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.108	63	65228	3.820	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.892	46	55293	31.003	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.000%
24) Chloroform-d	4.342	84	92686	5.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.027	65	46368	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.043	84	165857	4.639	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.063	67	43384	4.144	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.310	98	151080	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.619	79	17172	4.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.088	63	67319	51.570	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34097	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	58034	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	65005	5.424	ug/L	99
3) Chloromethane	1.240	50	50623	4.639	ug/L	98
5) Vinyl chloride	1.310	62	51861	4.718	ug/L	100
6) Bromomethane	1.523	94	31235	5.276	ug/L	100
8) Chloroethane	1.584	64	34179	5.415	ug/L	99
9) Trichlorofluoromethane	1.751	101	101936	5.724	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	42048	4.844	ug/L	91
12) 1,1-Dichloroethene	2.114	96	38936	4.812	ug/L	88
13) Acetone	2.175	43	43989m	33.103	ug/L	
14) Carbon disulfide	2.291	76	94838	3.947	ug/L	99
15) Methyl Acetate	2.429	43	19244m	5.460	ug/L	
16) Methylene chloride	2.503	84	54566	5.237	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	99914	5.203	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	47217	5.526	ug/L	91
19) 1,1-Dichloroethane	3.182	63	88081	5.493	ug/L	99
21) 2-Butanone	3.973	43	65305m	34.815	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	50176	5.388	ug/L	# 86
23) Bromochloromethane	4.240	128	22175	5.670	ug/L	# 81
25) Chloroform	4.368	83	101383	5.699	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	55942	5.186	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	94833	5.003	ug/L	98
30) Cyclohexane	4.670	56	61656	3.958	ug/L	97
31) Carbon tetrachloride	4.822	117	85723	5.323	ug/L	99
33) Benzene	5.092	78	196487	4.827	ug/L	100
34) Trichloroethene	5.908	95	49839	4.892	ug/L	90
35) Methylcyclohexane	6.124	83	73327	4.687	ug/L	93
37) 1,2-Dichloropropane	6.169	63	42543	4.405	ug/L #	97
38) Bromodichloromethane	6.503	83	65666	5.127	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	62989	5.165	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	208802	47.694	ug/L	94
42) Toluene	7.381	91	220326	5.588	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	56462	5.517	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	33601	5.369	ug/L	97
47) Tetrachloroethene	7.969	164	45355	5.548	ug/L	97
48) 2-Hexanone	8.137	43	157760	49.567	ug/L	95
49) Dibromochloromethane	8.239	129	45206	5.690	ug/L	96
50) 1,2-Dibromoethane	8.349	107	30027	5.306	ug/L	100
51) Chlorobenzene	8.876	112	137822	5.387	ug/L	97
52) Ethylbenzene	9.008	91	227449	5.563	ug/L	99
53) m,p-Xylene	9.133	106	92136	5.728	ug/L	99
54) o-Xylene	9.542	106	88042	5.743	ug/L	98
55) Styrene	9.558	104	155800	5.876	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	35766	5.099	ug/L	99
59) Bromoform	9.728	173	24082	5.518	ug/L #	97
60) Isopropylbenzene	9.927	105	241022	5.343	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	27644	4.842	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	69698	5.487	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	191268	5.297	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	124594	5.455	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	121681	5.287	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	111284	5.366	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5672	4.628	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	95475	5.518	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	68666	5.019	ug/L	99
71) Naphthalene	13.500	128	84998	3.955	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	59870	4.912	ug/L	98

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

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