

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VV023416.D
 Acq On : 12 Nov 2021 02:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005350

Quant Time: Nov 12 04:10:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 02:02:21 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/15/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	129283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	126461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34402	4.248	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.574	69	28163	4.267	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.111	63	67594	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	3.995	46	58718	42.082	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.160%
24) Chloroform-d	4.352	84	82743	4.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.047	65	36162	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.053	84	153025	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.092	67	44366	4.645	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.326	98	146313	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	7.635	79	15618	4.312	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.108	63	52479	39.382	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.760%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	30938	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	49234	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	61595	4.886	ug/L	99
3) Chloromethane	1.240	50	51414	4.797	ug/L	94
5) Vinyl chloride	1.310	62	53293	4.979	ug/L	98
6) Bromomethane	1.529	94	31060	4.539	ug/L	100
8) Chloroethane	1.590	64	30463	4.931	ug/L	94
9) Trichlorofluoromethane	1.757	101	85310	5.304	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	38532	4.759	ug/L	96
12) 1,1-Dichloroethene	2.121	96	37376	4.848	ug/L	92
13) Acetone	2.291	43	39015m	45.761	ug/L	
14) Carbon disulfide	2.294	76	112299	3.860	ug/L	99
15) Methyl Acetate	2.471	43	12783	5.298	ug/L	89
16) Methylene chloride	2.510	84	37229	3.309	ug/L	95
17) Methyl tert-butyl Ether	2.789	73	84098	4.955	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	40177	4.239	ug/L	97
19) 1,1-Dichloroethane	3.188	63	70001	4.375	ug/L	100
21) 2-Butanone	4.072	43	71336	51.752	ug/L	92
22) cis-1,2-Dichloroethene	3.908	96	43011	4.716	ug/L #	95
23) Bromochloromethane	4.249	128	22741	5.407	ug/L #	86
25) Chloroform	4.378	83	94503	5.541	ug/L	95

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27) 1,2-Dichloroethane	5.146	62	47661	5.253	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	83687	5.449	ug/L	99
30) Cyclohexane	4.667	56	70969	5.157	ug/L	96
31) Carbon tetrachloride	4.825	117	75357	5.463	ug/L	98
33) Benzene	5.101	78	190415	5.387	ug/L	100
34) Trichloroethene	5.928	95	49789	5.297	ug/L	96
35) Methylcyclohexane	6.143	83	72231	4.869	ug/L	97
37) 1,2-Dichloropropane	6.194	63	45287	5.488	ug/L	99
38) Bromodichloromethane	6.529	83	59827	5.410	ug/L	96
39) cis-1,3-Dichloropropene	7.040	75	59650	5.026	ug/L	98
40) 4-Methyl-2-pentanone	7.255	43	210298	54.950	ug/L	98
42) Toluene	7.397	91	209879	5.552	ug/L	98
44) trans-1,3-Dichloropropene	7.664	75	49787	5.056	ug/L	97
45) 1,1,2-Trichloroethane	7.850	97	31424	5.300	ug/L	98
47) Tetrachloroethene	7.982	164	43280	5.313	ug/L	99
48) 2-Hexanone	8.159	43	164492	61.339	ug/L	97
49) Dibromochloromethane	8.255	129	39930	5.315	ug/L	98
50) 1,2-Dibromoethane	8.362	107	29821	5.427	ug/L	100
51) Chlorobenzene	8.886	112	129228	5.143	ug/L	99
52) Ethylbenzene	9.017	91	204643	5.132	ug/L	99
53) m,p-xylene	9.143	106	82129	5.248	ug/L	99
54) o-xylene	9.548	106	76300	5.197	ug/L	99
55) Styrene	9.564	104	135064	5.370	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	33766	5.198	ug/L	98
59) Bromoform	9.735	173	22471	5.535	ug/L #	98
60) Isopropylbenzene	9.934	105	206596	5.296	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	25471	5.641	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	163233	5.047	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	168667	5.240	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	103350	5.186	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	102565	5.039	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	94020	5.272	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4965	5.161	ug/L	84
69) 1,3,5-Trichlorobenzene	12.644	180	73740	4.725	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	54505	4.362	ug/L	99
71) Naphthalene	13.503	128	81095	4.401	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	51662	4.725	ug/L	98

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

