

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111721\
 Data File : VW023591.D
 Acq On : 17 Nov 2021 23:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005361

Quant Time: Nov 18 00:26:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 00:20:29 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

11/18/2021
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125286	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42908	5.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 109.400%	
7) Chloroethane-d5	1.568	69	32778	5.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 102.400%	
11) 1,1-Dichloroethene-d2	2.108	63	74992	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 102.000%	
20) 2-Butanone-d5	3.902	46	52736	39.000	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 78.000%	
24) Chloroform-d	4.352	84	73635	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 88.000%	
26) 1,2-Dichloroethane-d4	5.034	65	34112	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 90.800%	
32) Benzene-d6	5.050	84	144684	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 92.200%	
36) 1,2-Dichloropropane-d6	6.072	67	40432	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 87.600%	
41) Toluene-d8	7.317	98	139499	4.746	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.000%	
43) trans-1,3-Dichloroprop...	7.625	79	16006	4.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 91.400%	
46) 2-Hexanone-d5	8.091	63	56336	43.732	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 87.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28693	4.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 86.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49746	4.415	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 88.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	48114	3.938	ug/L	99
3) Chloromethane	1.240	50	40088	3.859	ug/L	97
5) Vinyl chloride	1.310	62	43817	4.224	ug/L	99
6) Bromomethane	1.523	94	14361	2.166	ug/L	97
8) Chloroethane	1.584	64	27804	4.645	ug/L	97
9) Trichlorofluoromethane	1.754	101	69215	4.441	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	35246	4.492	ug/L	97
12) 1,1-Dichloroethene	2.117	96	33266	4.453	ug/L	92
13) Acetone	2.191	43	46655m	56.468	ug/L	
14) Carbon disulfide	2.294	76	106364	3.773	ug/L	100
15) Methyl Acetate	2.442	43	8959	3.831	ug/L	98
16) Methylene chloride	2.506	84	39524	3.625	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	75195	4.572	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	38020	4.140	ug/L	99
19) 1,1-Dichloroethane	3.191	63	67052	4.324	ug/L	99
21) 2-Butanone	3.985	43	51678	38.687	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	39311	4.448	ug/L #	89
23) Bromochloromethane	4.249	128	17963	4.407	ug/L #	77
25) Chloroform	4.378	83	75123	4.545	ug/L	99

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27) 1,2-Dichloroethane	5.133	62	39980	4.547	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	68177	4.592	ug/L	99
30) Cyclohexane	4.677	56	53461	4.018	ug/L	96
31) Carbon tetrachloride	4.828	117	61058	4.579	ug/L	97
33) Benzene	5.101	78	150848	4.415	ug/L	100
34) Trichloroethene	5.915	95	40093	4.412	ug/L	97
35) Methylcyclohexane	6.130	83	58658	4.090	ug/L	97
37) 1,2-Dichloropropane	6.175	63	34279	4.297	ug/L	100
38) Bromodichloromethane	6.513	83	48004	4.491	ug/L	95
39) cis-1,3-Dichloropropene	7.030	75	49137	4.283	ug/L	94
40) 4-Methyl-2-pentanone	7.230	43	184065	49.752	ug/L	98
42) Toluene	7.387	91	167208	4.575	ug/L	95
44) trans-1,3-Dichloropropene	7.654	75	41812	4.392	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	26401	4.606	ug/L	96
47) Tetrachloroethene	7.976	164	35398	4.495	ug/L	99
48) 2-Hexanone	8.143	43	132389	51.068	ug/L	98
49) Dibromochloromethane	8.249	129	34573	4.761	ug/L	95
50) 1,2-Dibromoethane	8.355	107	24347	4.584	ug/L	96
51) Chlorobenzene	8.882	112	107067	4.407	ug/L	99
52) Ethylbenzene	9.014	91	170619	4.426	ug/L	100
53) m,p-xylene	9.140	106	69380	4.586	ug/L	98
54) o-xylene	9.545	106	65224	4.596	ug/L	97
55) Styrene	9.561	104	113455	4.667	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	28317	4.509	ug/L	96
59) Bromoform	9.734	173	18748	4.639	ug/L	98
60) Isopropylbenzene	9.931	105	177538	4.573	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	20051	4.461	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	145253	4.512	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	146528	4.573	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	89301	4.501	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	87658	4.327	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	80897	4.557	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4362	4.555	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	67770	4.363	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	51892	4.172	ug/L	97
71) Naphthalene	13.503	128	71450	3.896	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	46930	4.312	ug/L	100

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

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