

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122821\
 Data File : VW024206.D
 Acq On : 28 Dec 2021 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005287

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 05:04:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 29 04:43:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	109264	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31747	3.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.568	69	27357	3.991	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.111	63	84133	4.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.905	46	44767	49.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.080%
24) Chloroform-d	4.343	84	81202	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.031	65	36278	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.047	84	139451	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.066	67	37418	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.310	98	136684	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.619	79	16453	4.510	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.088	63	64253	52.385	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29528	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	54566	4.523	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	120213	4.760	ug/L	99
3) Chloromethane	1.240	50	81419	4.266	ug/L	100
5) Vinyl chloride	1.311	62	86394	4.423	ug/L	100
6) Bromomethane	1.523	94	51497	4.132	ug/L	98
8) Chloroethane	1.584	64	50294	4.429	ug/L	97
9) Trichlorofluoromethane	1.751	101	148979	4.692	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	72239	4.740	ug/L	97
12) 1,1-Dichloroethene	2.118	96	67036	4.468	ug/L	90
13) Acetone	2.204	43	58863m	45.432	ug/L	
14) Carbon disulfide	2.291	76	213019	4.394	ug/L	100
15) Methyl Acetate	2.442	43	11142	3.463	ug/L #	84
16) Methylene chloride	2.503	84	69146	4.312	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	140053	4.617	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	72109	4.526	ug/L	97
19) 1,1-Dichloroethane	3.188	63	116457	4.391	ug/L	100
21) 2-Butanone	3.992	43	72054	42.269	ug/L	88
22) cis-1,2-Dichloroethene	3.905	96	73030	4.632	ug/L	96
23) Bromochloromethane	4.246	128	33933	4.503	ug/L	89
25) Chloroform	4.368	83	130466	4.402	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	74686	4.502	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	130185	4.433	ug/L	99
30) Cyclohexane	4.674	56	102691	4.700	ug/L	94
31) Carbon tetrachloride	4.822	117	124462	4.569	ug/L	100
33) Benzene	5.095	78	272485	4.460	ug/L	100
34) Trichloroethene	5.908	95	77653	4.504	ug/L	99
35) Methylcyclohexane	6.127	83	123441	4.944	ug/L	96
37) 1,2-Dichloropropane	6.169	63	58059	4.121	ug/L	100
38) Bromodichloromethane	6.506	83	87631	4.341	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	92563	4.533	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	307528	45.672	ug/L	98
42) Toluene	7.384	91	312313	4.581	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	80592	4.621	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	46525	4.455	ug/L	96
47) Tetrachloroethene	7.973	164	71184	4.640	ug/L	97
48) 2-Hexanone	8.137	43	228507	46.369	ug/L	97
49) Dibromochloromethane	8.243	129	62518	4.450	ug/L	94
50) 1,2-Dibromoethane	8.349	107	44263	4.460	ug/L	98
51) Chlorobenzene	8.879	112	200762	4.444	ug/L	99
52) Ethylbenzene	9.008	91	336504	4.642	ug/L	100
53) m,p-xylene	9.137	106	135451	4.711	ug/L	99
54) o-xylene	9.542	106	129719	4.711	ug/L	100
55) Styrene	9.558	104	219686	4.736	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	46162	4.561	ug/L	100
59) Bromoform	9.728	173	34736	4.644	ug/L	100
60) Isopropylbenzene	9.928	105	352349	4.803	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	35389	4.310	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	303096	4.900	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	310660	4.927	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	175190	4.608	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	174209	4.624	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	157129	4.567	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8292	4.682	ug/L	98
69) 1,3,5-Trichlorobenzene	12.645	180	144262	4.765	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	112240	4.815	ug/L	99
71) Naphthalene	13.500	128	159079	4.596	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	96497	4.707	ug/L	99

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

