

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100621\
 Data File : VW022635.D
 Acq On : 06 Oct 2021 20:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005298

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 1:00:31 PM

Quant Time: Oct 07 06:19:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	104364	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102204	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15502	4.636	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.564	69	23699	5.258	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.108	63	48714	5.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	3.908	46	76747	38.828	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.660%
24) Chloroform-d	4.346	84	64063	4.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.034	65	30328	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.047	84	112557	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.072	67	37421	4.605	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.317	98	96253	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	7.625	79	10583	4.921	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.400%
46) 2-Hexanone-d5	8.095	63	74884	56.242	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.480%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31448	5.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	42289	4.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45429	5.716	ug/L	99
3) Chloromethane	1.240	50	46422	5.833	ug/L	98
5) Vinyl chloride	1.307	62	46353	5.771	ug/L	97
6) Bromomethane	1.519	94	23408	4.390	ug/L	99
8) Chloroethane	1.584	64	29594	5.793	ug/L	97
9) Trichlorofluoromethane	1.751	101	69464	5.780	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	38948	5.637	ug/L	99
12) 1,1-Dichloroethene	2.114	96	36362	5.688	ug/L	93
13) Acetone	2.188	43	35994m	33.863	ug/L	
14) Carbon disulfide	2.288	76	103527	5.536	ug/L	97
15) Methyl Acetate	2.433	43	12229	3.907	ug/L #	75
16) Methylene chloride	2.503	84	44158	5.995	ug/L	100
17) Methyl tert-butyl Ether	2.773	73	88933	5.474	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	39686	5.696	ug/L	98
19) 1,1-Dichloroethane	3.185	63	71427	5.714	ug/L	98
21) 2-Butanone	3.998	43	62334	36.633	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	42802	5.662	ug/L	96
23) Bromochloromethane	4.246	128	19954	5.607	ug/L	90
25) Chloroform	4.375	83	76273	5.588	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	40388	5.559	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	63239	5.416	ug/L	97
30) Cyclohexane	4.664	56	56142	5.306	ug/L	99
31) Carbon tetrachloride	4.818	117	56792	5.482	ug/L	98
33) Benzene	5.095	78	155365	5.640	ug/L	100
34) Trichloroethene	5.912	95	41062	5.130	ug/L	99
35) Methylcyclohexane	6.127	83	59468	5.302	ug/L	100
37) 1,2-Dichloropropane	6.175	63	36731	5.463	ug/L	98
38) Bromodichloromethane	6.510	83	45983	5.396	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	48611	5.364	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	213335	57.638	ug/L	95
42) Toluene	7.387	91	167634	5.794	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	40278	5.324	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	27885	5.555	ug/L	97
47) Tetrachloroethene	7.976	164	34735	5.581	ug/L	98
48) 2-Hexanone	8.146	43	158972	59.701	ug/L	97
49) Dibromochloromethane	8.249	129	32862	5.554	ug/L	92
50) 1,2-Dibromoethane	8.355	107	26536	5.687	ug/L	95
51) Chlorobenzene	8.883	112	105902	5.592	ug/L	98
52) Ethylbenzene	9.014	91	168057	5.660	ug/L	98
53) m,p-xylene	9.140	106	68966	6.092	ug/L	94
54) o-xylene	9.545	106	64009	5.683	ug/L	100
55) Styrene	9.561	104	112601	5.880	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	30552	5.610	ug/L	97
59) Bromoform	9.735	173	18216	5.482	ug/L	98
60) Isopropylbenzene	9.934	105	172566	5.666	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	22882	5.449	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	137376	5.564	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	142207	5.669	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	89252	5.724	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	87393	5.480	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	81571	5.615	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.432	75	3980	4.959	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	65698	5.628	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	50540	5.395	ug/L	98
71) Naphthalene	13.503	128	79174	5.158	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	48124	5.591	ug/L	97

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

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