

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022718.D
 Acq On : 11 Oct 2021 09:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

Manual Integrations
 APPROVED

MMDadoda
 10/13/2021 1:41:19 PM

Quant Time: Oct 12 03:15:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 09 01:23:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	121878	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70184	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34754	4.145	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.568	69	34040	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.105	63	70781	4.303	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.915	46	71769	32.642	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.280%
24) Chloroform-d	4.342	84	77274	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.030	65	35826	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.043	84	144613	3.971	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.069	67	45749	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.313	98	135132	4.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	7.622	79	14938	4.176	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.095	63	69823	48.432	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33663	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	53816	4.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45201	5.089	ug/L	99
3) Chloromethane	1.240	50	45452	5.091	ug/L	99
5) Vinyl chloride	1.310	62	47764	5.178	ug/L	99
6) Bromomethane	1.523	94	29920	5.203	ug/L	96
8) Chloroethane	1.584	64	27735	4.860	ug/L	97
9) Trichlorofluoromethane	1.751	101	69539	5.147	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	40722	5.181	ug/L	98
12) 1,1-Dichloroethene	2.114	96	36515	4.960	ug/L	84
13) Acetone	2.188	43	51010m	41.606	ug/L	
14) Carbon disulfide	2.288	76	104400	5.046	ug/L	100
15) Methyl Acetate	2.439	43	10854	3.094	ug/L	95
16) Methylene chloride	2.500	84	39526	3.901	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	89035	4.998	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	38782	4.844	ug/L	98
19) 1,1-Dichloroethane	3.182	63	75320	5.223	ug/L	96
21) 2-Butanone	3.998	43	63962	31.862	ug/L	93
22) cis-1,2-Dichloroethene	3.902	96	44560	5.301	ug/L	100
23) Bromochloromethane	4.243	128	20657	5.531	ug/L	92
25) Chloroform	4.371	83	77702	4.648	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	40170	4.815	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	66694	4.775	ug/L	100
30) Cyclohexane	4.664	56	57737	4.479	ug/L	99
31) Carbon tetrachloride	4.818	117	60562	4.995	ug/L	98
33) Benzene	5.092	78	158140	4.800	ug/L	100
34) Trichloroethene	5.908	95	42665	4.762	ug/L	98
35) Methylcyclohexane	6.124	83	60590	4.827	ug/L	95
37) 1,2-Dichloropropane	6.172	63	37147	4.688	ug/L	99
38) Bromodichloromethane	6.510	83	48434	4.961	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	47245	4.504	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	220580	51.811	ug/L	91
42) Toluene	7.384	91	171829	5.138	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	44521	5.207	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	28597	4.864	ug/L	98
47) Tetrachloroethene	7.972	164	36483	5.035	ug/L	97
48) 2-Hexanone	8.146	43	170087	54.640	ug/L	96
49) Dibromochloromethane	8.246	129	35399	5.143	ug/L	89
50) 1,2-Dibromoethane	8.352	107	28307	5.156	ug/L	98
51) Chlorobenzene	8.882	112	109573	4.986	ug/L	98
52) Ethylbenzene	9.011	91	169084	4.980	ug/L	99
53) m,p-xylene	9.140	106	69721	5.232	ug/L	99
54) o-xylene	9.545	106	64448	5.141	ug/L	97
55) Styrene	9.561	104	116693	5.402	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	29494	4.958	ug/L	98
59) Bromoform	9.731	173	19814	5.040	ug/L	99
60) Isopropylbenzene	9.931	105	174879	4.906	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23944	4.910	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	138391	4.805	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	143660	4.984	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	94520	5.052	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	93667	4.930	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	87188	4.968	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4327	4.875	ug/L	83
69) 1,3,5-Trichlorobenzene	12.648	180	71508	5.074	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	54272	5.040	ug/L	99
71) Naphthalene	13.503	128	78614	4.594	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	49139	4.840	ug/L	95

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

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