

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028547.D
 Acq On : 14 Oct 2022 12:32
 Operator : SY/MD
 Sample : VSTD00159
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001259

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/17/2022
 Supervised By :Mahesh Dadoda 10/18/2022

Quant Time: Oct 15 01:42:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 01:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.587	114	286807	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	205987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	99030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	21328	0.976	ug/L	0.00
7) Chloroethane-d5	1.558	69	16376	0.894	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	37999	0.940	ug/L	0.00
20) 2-Butanone-d5	3.944	46	50773	12.518	ug/L	0.00
24) Chloroform-d	4.336	84	30969	0.806	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	16646	0.886	ug/L	0.00
32) Benzene-d6	5.043	84	64256	1.062	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.047	67	23562m	1.353	ug/L	0.00
41) Toluene-d8	7.320	98	45475	0.868	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	6370	0.996	ug/L	0.00
46) 2-Hexanone-d5	8.117	63	26392	9.914	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	11377	0.914	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	14516	0.853	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	14827	0.714	ug/L	98
3) Chloromethane	1.230	50	26241	1.182	ug/L	97
5) Vinyl chloride	1.301	62	24320	1.011	ug/L	97
6) Bromomethane	1.513	94	10249	0.908	ug/L	88
8) Chloroethane	1.574	64	16041	1.014	ug/L	98
9) Trichlorofluoromethane	1.741	101	30055	0.872	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	17663	0.915	ug/L	97
12) 1,1-Dichloroethene	2.108	96	15942	0.830	ug/L	92
13) Acetone	2.230	43	42354m	16.599	ug/L	
14) Carbon disulfide	2.281	76	49059	0.825	ug/L	97
15) Methyl Acetate	2.449	43	11494	1.592	ug/L	100
16) Methylene chloride	2.497	84	27149	1.198	ug/L	100
17) Methyl tert-butyl Ether	2.773	73	45290	1.076	ug/L	99
18) trans-1,2-Dichloroethene	2.744	96	17528	0.865	ug/L	89
19) 1,1-Dichloroethane	3.175	63	41588	1.137	ug/L	100
21) 2-Butanone	4.027	43	57326	14.383	ug/L	97
22) cis-1,2-Dichloroethene	3.899	96	20465	0.973	ug/L #	100
23) Bromochloromethane	4.233	128	8201	0.923	ug/L	95
25) Chloroform	4.365	83	39692	1.021	ug/L	96
27) 1,2-Dichloroethane	5.133	62	24970	1.147	ug/L	100
29) 1,1,1-Trichloroethane	4.593	97	31531	1.201	ug/L	98
30) Cyclohexane	4.657	56	37612	1.526	ug/L	97
31) Carbon tetrachloride	4.815	117	25274	1.091	ug/L	98
33) Benzene	5.092	78	81371	1.269	ug/L	100
34) Trichloroethene	5.873	95	19929	1.288	ug/L	95
35) Methylcyclohexane	6.092	83	34985m	1.373	ug/L	
37) 1,2-Dichloropropane	6.159	63	21540	1.463	ug/L	98
38) Bromodichloromethane	6.522	83	24543	1.254	ug/L #	98
39) cis-1,3-Dichloropropene	7.037	75	27366	1.312	ug/L	94
40) 4-Methyl-2-pentanone	7.262	43	103675	14.422	ug/L	99
42) Toluene	7.394	91	69292	1.078	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	17411	0.998	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.850	97	10994	1.058	ug/L	93
47) Tetrachloroethene	7.976	164	11651	0.915	ug/L	95
48) 2-Hexanone	8.165	43	68454	13.954	ug/L	99
49) Dibromochloromethane	8.252	129	10632	0.846	ug/L	86
50) 1,2-Dibromoethane	8.362	107	9184	1.000	ug/L	97
51) Chlorobenzene	8.882	112	43895	1.045	ug/L	98
52) Ethylbenzene	9.014	91	75764	1.115	ug/L	99
53) m,p-Xylene	9.140	106	27817	1.051	ug/L	95
54) o-Xylene	9.542	106	26641	1.049	ug/L	90
55) Styrene	9.561	104	45950	1.067	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	13331	1.134	ug/L	99
59) Bromoform	9.734	173	4962	0.821	ug/L	99
60) Isopropylbenzene	9.927	105	74550	1.214	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	9443	1.230	ug/L	93
62) 1,3,5-Trimethylbenzene	10.535	105	22088	1.244	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	60983	1.221	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	32021	1.098	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	30903	1.064	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	28716	1.084	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.422	75	1972	1.127	ug/L	98
69) 1,3,5-Trichlorobenzene	12.638	180	22514	0.981	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	16266	0.926	ug/L	97
71) Naphthalene	13.496	128	22533	0.810	ug/L	97
72) 1,2,3-Trichlorobenzene	13.734	180	13150	0.842	ug/L	97

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

