

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028550.D
 Acq On : 14 Oct 2022 14:14
 Operator : SY/MD
 Sample : VSTD02062
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02062

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 01:44:03 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	5.609	114	255616	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.844	117	239140	5.000	ug/L	-0.01
58) 1,4-Dichlorobenzene-d4	11.239	152	124533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	441547	22.680	ug/L	0.00
7) Chloroethane-d5	1.564	69	376394	23.053	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	815604	22.636	ug/L	0.00
20) 2-Butanone-d5	3.886	46	1016821m	281.288	ug/L	-0.06
24) Chloroform-d	4.336	84	706957	20.634	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	339078	20.258	ug/L	-0.01
32) Benzene-d6	5.040	84	1411839	20.107	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	456387	22.570	ug/L	0.01
41) Toluene-d8	7.307	98	1245575	20.486	ug/L	-0.02
43) trans-1,3-Dichloroprop...	7.612	79	177530	23.901	ug/L	-0.02
46) 2-Hexanone-d5	8.082	63	817839	264.634	ug/L	-0.03
56) 1,1,2,2-Tetrachloroeth...	10.207	84	312483	21.619	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	420002	19.636	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	296742	16.033	ug/L	98
3) Chloromethane	1.237	50	445281	22.499	ug/L	98
5) Vinyl chloride	1.307	62	464882	21.687	ug/L	98
6) Bromomethane	1.519	94	229584	22.822	ug/L	96
8) Chloroethane	1.581	64	309871	21.983	ug/L	98
9) Trichlorofluoromethane	1.748	101	598902	19.491	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	356992	20.739	ug/L	100
12) 1,1-Dichloroethene	2.111	96	332876	19.435	ug/L	91
13) Acetone	2.185	43	524671	230.721	ug/L	88
14) Carbon disulfide	2.288	76	855651	16.144	ug/L	100
15) Methyl Acetate	2.433	43	135488	21.055	ug/L	97
16) Methylene chloride	2.500	84	334547	16.561	ug/L	93
17) Methyl tert-butyl Ether	2.761	73	777841	20.738	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	330244	18.295	ug/L	99
19) 1,1-Dichloroethane	3.179	63	711037	21.803	ug/L	99
21) 2-Butanone	3.970	43	950946	267.706	ug/L	86
22) cis-1,2-Dichloroethene	3.899	96	372490	19.870	ug/L #	95
23) Bromochloromethane	4.236	128	137460	17.357	ug/L	90
25) Chloroform	4.365	83	678821	19.588	ug/L	99
27) 1,2-Dichloroethane	5.121	62	374753	19.321	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	567961	18.633	ug/L	97
30) Cyclohexane	4.667	56	642315	22.443	ug/L	96
31) Carbon tetrachloride	4.818	117	461388	17.152	ug/L	98
33) Benzene	5.092	78	1481816	19.910	ug/L	100
34) Trichloroethene	5.905	95	366866	20.420	ug/L	98
35) Methylcyclohexane	6.124	83	630319	21.305	ug/L	98
37) 1,2-Dichloropropane	6.166	63	400842	23.450	ug/L	98
38) Bromodichloromethane	6.500	83	470519	20.709	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	576172	23.800	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	2335229	279.818	ug/L	98
42) Toluene	7.381	91	1574032	21.095	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	470634	23.227	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	231617	19.199	ug/L	99
47) Tetrachloroethene	7.966	164	256325	17.330	ug/L	99
48) 2-Hexanone	8.133	43	1652518	290.151	ug/L	99
49) Dibromochloromethane	8.239	129	270799	18.569	ug/L	99
50) 1,2-Dibromoethane	8.346	107	209821	19.679	ug/L #	97
51) Chlorobenzene	8.873	112	962912	19.742	ug/L	99
52) Ethylbenzene	9.005	91	1784748	22.625	ug/L	99
53) m,p-Xylene	9.130	106	665570	21.671	ug/L	99
54) o-Xylene	9.535	106	651865	22.115	ug/L	97
55) Styrene	9.551	104	1124302	22.481	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	288984	21.172	ug/L	100
59) Bromoform	9.722	173	132694	17.453	ug/L	99
60) Isopropylbenzene	9.921	105	1794455	23.240	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	202213	20.952	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	536702	24.030	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	1498599	23.851	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	755314	20.595	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	739726	20.261	ug/L	97
67) 1,2-Dichlorobenzene	11.632	146	669630	20.098	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	44826	20.378	ug/L	95
69) 1,3,5-Trichlorobenzene	12.635	180	584839	20.259	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	471910	21.373	ug/L	97
71) Naphthalene	13.490	128	742134	21.223	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	388001	19.749	ug/L	99

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

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