

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027624.D
 Acq On : 31 Aug 2022 17:56
 Operator : SY/MD
 Sample : VSTD00521
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005221

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

Quant Time: Sep 01 01:49:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:48:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	142070	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	142302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76105	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78771	5.104	ug/L	0.00
7) Chloroethane-d5	1.568	69	63987	4.955	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	141206	4.675	ug/L	0.00
20) 2-Butanone-d5	3.899	46	111802m	48.271	ug/L	0.00
24) Chloroform-d	4.346	84	148129	4.781	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	65900	4.748	ug/L	0.00
32) Benzene-d6	5.050	84	277472	4.760	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	80259	4.451	ug/L	0.00
41) Toluene-d8	7.313	98	256395	5.079	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	27276	4.911	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	101726	48.703	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	55114	4.750	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	75758	4.446	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	99603	5.146	ug/L	100
3) Chloromethane	1.240	50	94604	5.105	ug/L	100
5) Vinyl chloride	1.310	62	90742	5.142	ug/L	100
6) Bromomethane	1.523	94	41161	4.963	ug/L	100
8) Chloroethane	1.584	64	49808	5.050	ug/L	100
9) Trichlorofluoromethane	1.754	101	121443	5.132	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	62107	4.821	ug/L	100
12) 1,1-Dichloroethene	2.117	96	56233	4.742	ug/L	100
13) Acetone	2.178	43	77642m	45.442	ug/L	
14) Carbon disulfide	2.291	76	169114	4.513	ug/L	100
15) Methyl Acetate	2.436	43	19823	4.232	ug/L	100
16) Methylene chloride	2.503	84	72096	4.819	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	121468	4.795	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	66216	4.926	ug/L	100
19) 1,1-Dichloroethane	3.188	63	128215	4.872	ug/L	100
21) 2-Butanone	3.982	43	113962m	55.569	ug/L	
22) cis-1,2-Dichloroethene	3.911	96	65136	4.855	ug/L	100
23) Bromochloromethane	4.249	128	30210	5.083	ug/L	100
25) Chloroform	4.375	83	137446	4.974	ug/L	100
27) 1,2-Dichloroethane	5.130	62	73233	4.855	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	121907	4.954	ug/L	100
30) Cyclohexane	4.674	56	101076	4.870	ug/L	100
31) Carbon tetrachloride	4.825	117	104400	4.958	ug/L	100
33) Benzene	5.098	78	284859	5.132	ug/L	100
34) Trichloroethene	5.915	95	67676	4.960	ug/L	100
35) Methylcyclohexane	6.130	83	102752	4.853	ug/L	100
37) 1,2-Dichloropropane	6.172	63	70235	5.011	ug/L	100
38) Bromodichloromethane	6.509	83	87925	4.960	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	82872	4.843	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	328951	52.810	ug/L	100
42) Toluene	7.387	91	298901	5.393	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	72000	5.163	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	46092	5.099	ug/L	100
47) Tetrachloroethene	7.976	164	54889	4.962	ug/L	100
48) 2-Hexanone	8.143	43	253146	54.172	ug/L	100
49) Dibromochloromethane	8.246	129	54597	5.097	ug/L	100
50) 1,2-Dibromoethane	8.352	107	40433	4.993	ug/L	100
51) Chlorobenzene	8.879	112	176111	5.040	ug/L	100
52) Ethylbenzene	9.011	91	280942	5.003	ug/L	100
53) m,p-Xylene	9.136	106	109964	5.094	ug/L	100
54) o-Xylene	9.541	106	104277	5.062	ug/L	100
55) Styrene	9.561	104	184775	5.253	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	51684	5.171	ug/L	100
59) Bromoform	9.731	173	25869	4.785	ug/L	100
60) Isopropylbenzene	9.931	105	279509	4.853	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	37608	4.884	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	70720	4.500	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	207685	4.596	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	137462	4.945	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	134077	4.851	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	121558	4.876	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7393	4.821	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	94217	4.701	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	66312	4.489	ug/L	100
71) Naphthalene	13.503	128	87196	3.772	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	59359	4.461	ug/L	100

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

