

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022822\
 Data File : VW024829.D
 Acq On : 28 Feb 2022 10:21
 Operator : SY/MD
 Sample : VSTD00507
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005207

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 01:21:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:20:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	325863	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	314695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	152503	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	16586	6.669	ug/L	0.00
7) Chloroethane-d5	1.568	69	13289	6.211	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	27769	5.796	ug/L	0.00
21) 2-Butanone-d5	3.912	46	14838m	9.307	ug/L	0.02
24) Chloroform-d	4.349	84	27080	5.993	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	15777	5.562	ug/L	0.00
32) Benzene-d6	5.050	84	53809	5.708	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	16742	5.618	ug/L	0.00
41) Toluene-d8	7.313	98	46231	5.348	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	6395	4.224	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	10400	8.453	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	18971	5.330	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	16236	5.421	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	16472	6.467	ug/L	100
3) Chloromethane	1.243	50	17395	6.808	ug/L	99
5) Vinyl chloride	1.314	62	17193	6.341	ug/L	100
6) Bromomethane	1.523	94	10414	6.288	ug/L	97
8) Chloroethane	1.587	64	10645	5.904	ug/L	96
9) Trichlorofluoromethane	1.754	101	22722	5.886	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	13356	6.345	ug/L	99
12) 1,1-Dichloroethene	2.118	96	12651	6.230	ug/L	94
13) Acetone	2.185	43	17706	11.554	ug/L	96
14) Carbon disulfide	2.294	76	36372	6.287	ug/L	100
15) Methyl Acetate	2.439	43	11679	5.294	ug/L	96
16) Methylene chloride	2.507	84	14715	6.462	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	13030	6.179	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	38511	5.404	ug/L	97
19) 1,1-Dichloroethane	3.191	63	23488	5.828	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	14017	5.968	ug/L	100
22) 2-Butanone	3.995	43	16343	9.223	ug/L #	73
23) Bromochloromethane	4.252	128	7150	6.262	ug/L	96
25) Chloroform	4.375	83	25713	6.165	ug/L	98
27) 1,2-Dichloroethane	5.130	62	16698	5.216	ug/L	99
29) Cyclohexane	4.674	56	20619	5.445	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	21294	5.542	ug/L	98
31) Carbon tetrachloride	4.825	117	18184	5.706	ug/L	97
33) Benzene	5.098	78	53181	5.692	ug/L	100
34) Trichloroethene	5.912	95	14886	5.710	ug/L	95
35) Methylcyclohexane	6.124	83	22553	5.697	ug/L	98
37) 1,2-Dichloropropane	6.172	63	12931	5.303	ug/L	99
38) Bromodichloromethane	6.510	83	17212	5.121	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	18268	4.646	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	30501	9.315	ug/L	97
42) Toluene	7.387	91	55152	5.550	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	16025	4.235	ug/L	97

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45) 1,1,2-Trichloroethane	7.838	97	13146	5.628	ug/L	96
46) Tetrachloroethene	7.973	164	9641	6.139	ug/L	95
48) 2-Hexanone	8.143	43	24233	8.874	ug/L	96
49) Dibromochloromethane	8.243	129	11388	4.689	ug/L	98
50) 1,2-Dibromoethane	8.352	107	13035	5.382	ug/L #	96
51) Chlorobenzene	8.879	112	35585	5.727	ug/L	98
52) Ethylbenzene	9.011	91	56956	5.208	ug/L	99
53) m,p-Xylene	9.137	106	22113	5.379	ug/L	98
54) o-Xylene	9.542	106	20760	5.083	ug/L	98
55) Styrene	9.561	104	34985	5.041	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	17593	5.311	ug/L	96
59) Bromoform	9.728	173	6127	4.218	ug/L #	96
60) Isopropylbenzene	9.927	105	54933	4.992	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	15722	5.214	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	35051	3.892	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	42534	4.515	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	24310	5.355	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	26250	5.687	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	25142	5.526	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.429	75	3148	4.045	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	16610	5.488	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	13685	5.102	ug/L	99
71) Naphthalene	13.500	128	39201	4.057	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	13337	5.071	ug/L	98

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

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