

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101422\
 Data File : VW028546.D
 Acq On : 14 Oct 2022 12:08
 Operator : SY/MD
 Sample : VSTD0.558
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5258

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 02:21:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:19:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	265545	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	218910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	103710	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	10897	0.476	ug/L	0.00
7) Chloroethane-d5	1.561	69	9285	0.502	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	20622	0.510	ug/L	0.00
20) 2-Butanone-d5	3.957	46	24973	5.018	ug/L	0.01
24) Chloroform-d	4.336	84	17522	0.510	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	9417	0.522	ug/L	0.00
32) Benzene-d6	5.031	84	35492	0.518	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	11418m	0.512	ug/L	0.01
41) Toluene-d8	7.310	98	26459	0.485	ug/L	-0.02
43) trans-1,3-Dichloroprop...	7.625	79	3620m	0.468	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	13800	4.152	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	6138	0.452	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	8496	0.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	7539	0.516	ug/L	98
3) Chloromethane	1.230	50	13538	0.544	ug/L	99
5) Vinyl chloride	1.304	62	12590	0.529	ug/L	93
6) Bromomethane	1.516	94	5626	0.529	ug/L	92
8) Chloroethane	1.581	64	7563	0.481	ug/L	92
9) Trichlorofluoromethane	1.748	101	14347	0.493	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	8434	0.494	ug/L	96
12) 1,1-Dichloroethene	2.111	96	8106	0.506	ug/L	90
13) Acetone	2.240	43	23948m	7.253	ug/L	
14) Carbon disulfide	2.285	76	24764	0.550	ug/L	98
15) Methyl Acetate	2.452	43	3875	0.481	ug/L #	75
16) Methylene chloride	2.497	84	16738	0.700	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	21802	0.525	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	8773	0.523	ug/L	98
19) 1,1-Dichloroethane	3.175	63	19950	0.525	ug/L	98
21) 2-Butanone	4.034	43	26527	5.391	ug/L	92
22) cis-1,2-Dichloroethene	3.896	96	9576	0.499	ug/L #	95
23) Bromochloromethane	4.230	128	3995	0.549	ug/L #	91
25) Chloroform	4.362	83	18478	0.504	ug/L	97
27) 1,2-Dichloroethane	5.124	62	10933	0.506	ug/L #	95
29) 1,1,1-Trichloroethane	4.587	97	15660	0.533	ug/L	98
30) Cyclohexane	4.648	56	17694	0.529	ug/L #	93
31) Carbon tetrachloride	4.799	117	10823	0.456	ug/L	89
33) Benzene	5.079	78	38409	0.513	ug/L	100
34) Trichloroethene	5.896	95	9672	0.545	ug/L	91
35) Methylcyclohexane	6.104	83	14103	0.466	ug/L	97
37) 1,2-Dichloropropane	6.169	63	9506	0.495	ug/L #	96
38) Bromodichloromethane	6.506	83	10079	0.459	ug/L	91
39) cis-1,3-Dichloropropene	7.027	75	11358	0.444	ug/L	96
40) 4-Methyl-2-pentanone	7.252	43	47718	4.451	ug/L	98
42) Toluene	7.384	91	33195	0.466	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	8904	0.448	ug/L	86

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

45) 1,1,2-Trichloroethane	7.841	97	5069	0.470	ug/L	93
47) Tetrachloroethene	7.966	164	5836	0.497	ug/L	94
48) 2-Hexanone	8.162	43	33437m	4.619	ug/L	
49) Dibromochloromethane	8.243	129	5196	0.446	ug/L	95
50) 1,2-Dibromoethane	8.355	107	4469	0.465	ug/L	97
51) Chlorobenzene	8.879	112	21052	0.479	ug/L	94
52) Ethylbenzene	9.008	91	36502	0.464	ug/L	95
53) m,p-Xylene	9.133	106	14542	0.501	ug/L	97
54) o-Xylene	9.538	106	13236	0.465	ug/L	93
55) Styrene	9.558	104	21472	0.445	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	6432	0.494	ug/L	94
59) Bromoform	9.725	173	2370	0.458	ug/L	99
60) Isopropylbenzene	9.924	105	35620	0.484	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	4902	0.539	ug/L	94
62) 1,3,5-Trimethylbenzene	10.529	105	11230	0.508	ug/L	97
63) 1,2,4-Trimethylbenzene	10.908	105	28570	0.472	ug/L	98
64) 1,3-Dichlorobenzene	11.175	146	15177	0.491	ug/L	94
65) 1,4-Dichlorobenzene	11.265	146	15105	0.496	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	13875	0.500	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.416	75	908	0.479	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.638	180	10275	0.450	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	7357	0.429	ug/L	99
71) Naphthalene	13.500	128	10309	0.395	ug/L	95
72) 1,2,3-Trichlorobenzene	13.734	180	5876	0.404	ug/L #	95

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

