

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071122\
 Data File : VW026711.D
 Acq On : 11 Jul 2022 19:55
 Operator : SY/MD
 Sample : VSTD00102
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001202

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/12/2022
 Supervised By :Mahesh Dadoda 07/12/2022

Quant Time: Jul 12 05:46:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 12 05:44:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	224500	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	222621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	101529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	18499	0.894	ug/L	0.00
7) Chloroethane-d5	1.561	69	16270	0.913	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	35597	0.912	ug/L	0.00
20) 2-Butanone-d5	3.950	46	23672m	8.953	ug/L	0.03
24) Chloroform-d	4.346	84	31274	0.861	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	13370	0.837	ug/L	0.00
32) Benzene-d6	5.047	84	55512	0.813	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	17672	0.860	ug/L	0.00
41) Toluene-d8	7.317	98	46589	0.774	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	5392	0.816	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	19439	6.759	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	13611	0.857	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	15746	0.883	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	28868	1.135	ug/L	100
3) Chloromethane	1.236	50	27411	1.047	ug/L	98
5) Vinyl chloride	1.304	62	26779	1.035	ug/L	98
6) Bromomethane	1.516	94	16471	1.068	ug/L	94
8) Chloroethane	1.577	64	16399	1.073	ug/L	96
9) Trichlorofluoromethane	1.744	101	34469	1.032	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	20055	1.047	ug/L	99
12) 1,1-Dichloroethene	2.111	96	19520	1.062	ug/L	93
13) Acetone	2.224	43	27882m	14.000	ug/L	
14) Carbon disulfide	2.285	76	55861	1.064	ug/L	99
15) Methyl Acetate	2.442	43	5228m	1.079	ug/L	
16) Methylene chloride	2.500	84	31101	1.417	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	29657	0.907	ug/L	# 91
18) trans-1,2-Dichloroethene	2.754	96	17072	0.994	ug/L	97
19) 1,1-Dichloroethane	3.185	63	31927	1.006	ug/L	99
21) 2-Butanone	4.021	43	25367m	9.335	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	16838	0.966	ug/L	92
23) Bromochloromethane	4.246	128	8115	1.012	ug/L	98
25) Chloroform	4.371	83	34443	1.038	ug/L	93
27) 1,2-Dichloroethane	5.137	62	17210	0.960	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	28177	0.981	ug/L	98
30) Cyclohexane	4.670	56	20694	0.860	ug/L	96
31) Carbon tetrachloride	4.821	117	25067	0.990	ug/L	98
33) Benzene	5.098	78	65644	0.930	ug/L	100
34) Trichloroethene	5.915	95	17145	0.991	ug/L	97
35) Methylcyclohexane	6.127	83	22821	0.865	ug/L	97
37) 1,2-Dichloropropane	6.172	63	16044	0.942	ug/L	99
38) Bromodichloromethane	6.513	83	22030	0.985	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	18475	0.883	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	65919	8.275	ug/L	94
42) Toluene	7.387	91	62050	0.863	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	14867	0.848	ug/L	97

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

45) 1,1,2-Trichloroethane	7.844	97	12205	0.972	ug/L	96
47) Tetrachloroethene	7.976	164	13485	0.994	ug/L	93
48) 2-Hexanone	8.146	43	49137m	8.767	ug/L	
49) Dibromochloromethane	8.246	129	14194	0.991	ug/L	98
50) 1,2-Dibromoethane	8.355	107	10641	0.955	ug/L	97
51) Chlorobenzene	8.882	112	43964	0.968	ug/L	99
52) Ethylbenzene	9.014	91	59223	0.827	ug/L	98
53) m,p-Xylene	9.140	106	22362	0.807	ug/L	97
54) o-Xylene	9.542	106	21041	0.794	ug/L	97
55) Styrene	9.561	104	33323	0.712	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	14148	0.941	ug/L	97
59) Bromoform	9.731	173	6514	1.026	ug/L	94
60) Isopropylbenzene	9.931	105	53724	0.879	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	9690	1.068	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	41231	0.846	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	39719	0.800	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	29142	0.977	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	29826	0.981	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	26953	0.957	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	2128	1.115	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	21043	0.999	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	15116	0.932	ug/L	97
71) Naphthalene	13.503	128	23174	0.860	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	14288	0.948	ug/L	98

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

