

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033272.D
 Acq On : 13 Dec 2023 11:31
 Operator : SY/MD
 Sample : VSTD01019
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010219

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 23:01:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 22:59:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	153308	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	147651	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	86467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	99416	8.008	ug/L	0.00
7) Chloroethane-d5	1.535	69	70947	6.113	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	39070	7.115	ug/L	0.00
20) 2-Butanone-d5	3.822	46	132009	80.121	ug/L	-0.02
24) Chloroform-d	4.249	84	210681	9.473	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	93818	9.512	ug/L	0.00
32) Benzene-d6	4.960	84	404245	10.454	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	91351	8.655	ug/L	0.00
41) Toluene-d8	7.243	98	403835	10.961	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	43492	10.197	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	131270	92.989	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	63624	8.254	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	156671	10.299	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	180577	10.267	ug/L	98
3) Chloromethane	1.217	50	99017	6.374	ug/L	98
5) Vinyl chloride	1.285	62	102959	6.860	ug/L	99
6) Bromomethane	1.490	94	68987	6.478	ug/L	98
8) Chloroethane	1.552	64	55969	5.140	ug/L	100
9) Trichlorofluoromethane	1.716	101	190533	7.888	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	87799	6.653	ug/L	99
12) 1,1-Dichloroethene	2.072	96	83840	6.833	ug/L	95
13) Acetone	2.153	43	82547m	54.841	ug/L	
14) Carbon disulfide	2.243	76	268044	7.411	ug/L	100
15) Methyl Acetate	2.384	43	22230m	6.664	ug/L	
16) Methylene chloride	2.449	84	89891	6.084	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	183673	8.606	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	101334	8.374	ug/L	96
19) 1,1-Dichloroethane	3.114	63	158553	7.541	ug/L	97
21) 2-Butanone	3.899	43	117430	62.923	ug/L	94
22) cis-1,2-Dichloroethene	3.815	96	106959	8.521	ug/L	95
23) Bromochloromethane	4.150	128	47439	8.356	ug/L	96
25) Chloroform	4.278	83	191278	8.121	ug/L	96
27) 1,2-Dichloroethane	5.043	62	107079	8.481	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	196730	9.524	ug/L	98
30) Cyclohexane	4.584	56	127799	8.996	ug/L	98
31) Carbon tetrachloride	4.735	117	187408	10.325	ug/L	98
33) Benzene	5.008	78	388978	9.059	ug/L	100
34) Trichloroethene	5.831	95	112857	9.357	ug/L	97
35) Methylcyclohexane	6.050	83	167851	10.252	ug/L	99
37) 1,2-Dichloropropane	6.095	63	77033	7.520	ug/L	99
38) Bromodichloromethane	6.432	83	124842	8.469	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	135714	9.197	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	304952	76.317	ug/L	99
42) Toluene	7.313	91	459037	9.637	ug/L	97
44) trans-1,3-Dichloropropene	7.580	75	113511	9.504	ug/L	99

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

45) 1,1,2-Trichloroethane	7.767	97	61584	8.176	ug/L	97
47) Tetrachloroethene	7.905	164	105054	10.075	ug/L	98
48) 2-Hexanone	8.075	43	225572	75.562	ug/L	98
49) Dibromochloromethane	8.175	129	85514	9.135	ug/L	98
50) 1,2-Dibromoethane	8.281	107	59439	8.270	ug/L #	100
51) Chlorobenzene	8.812	112	304851	9.492	ug/L	99
52) Ethylbenzene	8.947	91	526180	10.456	ug/L	99
53) m,p-Xylene	9.072	106	214069	10.787	ug/L	99
54) o-Xylene	9.477	106	205632	10.982	ug/L	95
55) Styrene	9.493	104	344526	10.759	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	60138	7.312	ug/L	97
59) Bromoform	9.664	173	52358	9.478	ug/L	99
60) Isopropylbenzene	9.866	105	569684	10.388	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	44506	7.397	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	476473	10.911	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	481839	11.019	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	284913	9.808	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	280617	9.494	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	244718	9.556	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	10926	7.388	ug/L	89
69) 1,3,5-Trichlorobenzene	12.583	180	228696	10.384	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	179532	10.095	ug/L	97
71) Naphthalene	13.439	128	219389	9.303	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	150550	9.982	ug/L	96

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

