

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030912.D
 Acq On : 28 Apr 2023 11:13
 Operator : SY/MD
 Sample : VSTD00134
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001234

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 00:38:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:37:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	134059	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	128706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68270	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	10268	0.930	ug/L	0.00
7) Chloroethane-d5	1.536	69	8102	0.899	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	4974	0.851	ug/L	0.00
20) 2-Butanone-d5	3.860	46	13809m	7.065	ug/L	0.02
24) Chloroform-d	4.269	84	18876	0.860	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.963	65	10050	0.901	ug/L	0.00
32) Benzene-d6	4.973	84	32229	0.854	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.002	67	9773	0.891	ug/L	0.00
41) Toluene-d8	7.256	98	28875	0.804	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	3467	0.843	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	11068m	7.929	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	6919	0.870	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	11186	0.879	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	10434	0.985	ug/L	99
3) Chloromethane	1.217	50	13012	1.047	ug/L	100
5) Vinyl chloride	1.285	62	10004	0.962	ug/L	94
6) Bromomethane	1.491	94	4949	0.999	ug/L	95
8) Chloroethane	1.552	64	6186	0.977	ug/L	100
9) Trichlorofluoromethane	1.716	101	18613	0.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	9725	0.993	ug/L	98
12) 1,1-Dichloroethene	2.076	96	9146	1.014	ug/L	84
13) Acetone	2.156	43	14546m	8.693	ug/L	
14) Carbon disulfide	2.246	76	22503	0.953	ug/L	98
15) Methyl Acetate	2.391	43	3536m	1.041	ug/L	
16) Methylene chloride	2.455	84	9772	0.957	ug/L	99
17) Methyl tert-butyl Ether	2.716	73	16024	0.933	ug/L	93
18) trans-1,2-Dichloroethene	2.703	96	8159	0.990	ug/L	95
19) 1,1-Dichloroethane	3.124	63	16200	1.018	ug/L	99
21) 2-Butanone	3.931	43	15815m	8.564	ug/L	
22) cis-1,2-Dichloroethene	3.835	96	8318	0.957	ug/L	89
23) Bromochloromethane	4.172	128	4434	1.083	ug/L	82
25) Chloroform	4.291	83	16944	0.992	ug/L	98
27) 1,2-Dichloroethane	5.060	62	9619	0.898	ug/L #	88
29) 1,1,1-Trichloroethane	4.529	97	15984	0.988	ug/L	97
30) Cyclohexane	4.593	56	11242	0.920	ug/L	98
31) Carbon tetrachloride	4.748	117	15122	1.041	ug/L	93
33) Benzene	5.024	78	30786	0.951	ug/L	100
34) Trichloroethene	5.844	95	8899	1.031	ug/L	89
35) Methylcyclohexane	6.063	83	12325	0.922	ug/L	99
37) 1,2-Dichloropropane	6.111	63	6329	0.824	ug/L	98
38) Bromodichloromethane	6.445	83	11100	0.988	ug/L #	95
39) cis-1,3-Dichloropropene	6.966	75	11024	0.958	ug/L	91
40) 4-Methyl-2-pentanone	7.175	43	33514	8.423	ug/L	98
42) Toluene	7.326	91	30718	0.881	ug/L	99
44) trans-1,3-Dichloropropene	7.600	75	8999	0.918	ug/L	98

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

45) 1,1,2-Trichloroethane	7.783	97	5308	0.932	ug/L	98
47) Tetrachloroethene	7.915	164	7990	0.970	ug/L	94
48) 2-Hexanone	8.092	43	24150m	8.337	ug/L	
49) Dibromochloromethane	8.185	129	6889	0.961	ug/L	99
50) 1,2-Dibromoethane	8.294	107	4931	0.970	ug/L #	99
51) Chlorobenzene	8.821	112	23151	0.980	ug/L	98
52) Ethylbenzene	8.957	91	33640	0.885	ug/L	99
53) m,p-Xylene	9.082	106	13809	0.911	ug/L	95
54) o-Xylene	9.487	106	12613	0.874	ug/L	96
55) Styrene	9.506	104	20420	0.839	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	6053	0.950	ug/L #	90
59) Bromoform	9.677	173	4282	1.066	ug/L #	74
60) Isopropylbenzene	9.873	105	35058	0.952	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	4502	1.050	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.484	105	28251	0.943	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	28445	0.937	ug/L	97
64) 1,3-Dichlorobenzene	11.127	146	18144	0.960	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	18605	0.976	ug/L	94
67) 1,2-Dichlorobenzene	11.590	146	16978	0.999	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.374	75	1208m	1.110	ug/L	
69) 1,3,5-Trichlorobenzene	12.590	180	14793	0.988	ug/L	97
70) 1,2,4-trichlorobenzene	13.207	180	11056	0.961	ug/L	99
71) Naphthalene	13.451	128	15823	0.959	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	9248	0.950	ug/L	95

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

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