

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122823\
 Data File : VW033541.D
 Acq On : 28 Dec 2023 10:17
 Operator : SY/MD
 Sample : VSTD00123
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001223

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 29 02:40:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 29 02:38:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	130175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	121680	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	60587	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	7399	0.907	ug/L	0.00
7) Chloroethane-d5	1.532	69	6670	0.965	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	3623	1.003	ug/L	0.00
20) 2-Butanone-d5	3.870	46	20298m	10.040	ug/L	0.05
24) Chloroform-d	4.256	84	15773	0.953	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	6883	0.914	ug/L	0.00
32) Benzene-d6	4.969	84	29059	0.933	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	9085	0.929	ug/L	0.00
41) Toluene-d8	7.249	98	25160	0.913	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	3687	0.938	ug/L	0.01
46) 2-Hexanone-d5	8.043	63	14110m	9.012	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.156	84	6787	1.040	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	9235	0.951	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	10618	0.921	ug/L	100
3) Chloromethane	1.214	50	11941	0.964	ug/L	99
5) Vinyl chloride	1.281	62	11529	0.961	ug/L	98
6) Bromomethane	1.487	94	6078	0.901	ug/L	97
8) Chloroethane	1.552	64	6980	0.944	ug/L	92
9) Trichlorofluoromethane	1.716	101	14143	0.961	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	8232	0.926	ug/L	96
12) 1,1-Dichloroethene	2.072	96	7520	0.928	ug/L	88
13) Acetone	2.153	43	18449m	10.087	ug/L	
14) Carbon disulfide	2.243	76	23182	0.942	ug/L	99
15) Methyl Acetate	2.397	43	5801m	1.274	ug/L	
16) Methylene chloride	2.449	84	9641	0.958	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	22075	0.988	ug/L	# 93
18) trans-1,2-Dichloroethene	2.699	96	8641	0.959	ug/L	95
19) 1,1-Dichloroethane	3.117	63	18597	0.948	ug/L	98
21) 2-Butanone	3.953	43	24108m	10.177	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	9813	0.960	ug/L	98
23) Bromochloromethane	4.162	128	3722	0.944	ug/L	93
25) Chloroform	4.285	83	17249	0.939	ug/L	100
27) 1,2-Dichloroethane	5.056	62	9955	0.933	ug/L	97
29) 1,1,1-Trichloroethane	4.519	97	15000	0.919	ug/L	99
30) Cyclohexane	4.584	56	17059	0.974	ug/L	98
31) Carbon tetrachloride	4.738	117	12497	0.936	ug/L	100
33) Benzene	5.018	78	38004	0.961	ug/L	100
34) Trichloroethene	5.841	95	10718	1.004	ug/L	97
35) Methylcyclohexane	6.053	83	15678	0.925	ug/L	97
37) 1,2-Dichloropropane	6.101	63	9796	0.933	ug/L	# 96
38) Bromodichloromethane	6.439	83	12577	0.973	ug/L	99
39) cis-1,3-Dichloropropene	6.966	75	15008	0.951	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	54528	9.640	ug/L	99
42) Toluene	7.323	91	40062	0.947	ug/L	98
44) trans-1,3-Dichloropropene	7.596	75	10981	0.894	ug/L	96

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

45) 1,1,2-Trichloroethane	7.776	97	6011	0.951	ug/L	96
47) Tetrachloroethene	7.908	164	7092	0.943	ug/L	98
48) 2-Hexanone	8.088	43	41633m	10.132	ug/L	
49) Dibromochloromethane	8.182	129	6972	0.942	ug/L	98
50) 1,2-Dibromoethane	8.291	107	5637	0.956	ug/L #	98
51) Chlorobenzene	8.818	112	25367	0.957	ug/L	97
52) Ethylbenzene	8.950	91	47599	0.957	ug/L	97
53) m,p-Xylene	9.079	106	17892	0.972	ug/L	92
54) o-Xylene	9.480	106	16766	0.939	ug/L	98
55) Styrene	9.503	104	28308	0.945	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	7670	1.096	ug/L #	98
59) Bromoform	9.670	173	3461	0.906	ug/L #	97
60) Isopropylbenzene	9.870	105	47067	0.972	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	4977	0.995	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	39671	0.978	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	38659	0.963	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	19947	0.970	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	20895	0.996	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	17597	0.972	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	976	0.833	ug/L	90
69) 1,3,5-Trichlorobenzene	12.586	180	15351	0.968	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	13046	0.982	ug/L	97
71) Naphthalene	13.445	128	17410	0.939	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	9759	0.931	ug/L	95

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

