

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028874.D
 Acq On : 11 Nov 2022 13:54
 Operator : SY/MD
 Sample : VSTD00178
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001278

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 11 21:55:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 21:54:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	294687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	259858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	133547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15885	0.884	ug/L	0.00
7) Chloroethane-d5	1.565	69	14537	0.920	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	30425	0.929	ug/L	0.00
20) 2-Butanone-d5	3.944	46	23307m	7.823	ug/L	0.05
24) Chloroform-d	4.349	84	33047	0.896	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	15565	0.938	ug/L	0.00
32) Benzene-d6	5.050	84	70518	0.909	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	19509	0.901	ug/L	0.00
41) Toluene-d8	7.314	98	65331	0.936	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	6009	0.851	ug/L	0.01
46) 2-Hexanone-d5	8.098	63	23759	7.966	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.211	84	13665	0.910	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	22485	0.941	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	22165	0.902	ug/L	98
3) Chloromethane	1.237	50	18725	0.918	ug/L	100
5) Vinyl chloride	1.307	62	21461	0.923	ug/L	97
6) Bromomethane	1.520	94	12696	0.913	ug/L	95
8) Chloroethane	1.584	64	12644	0.925	ug/L	97
9) Trichlorofluoromethane	1.751	101	28406	0.906	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	16397	0.924	ug/L	98
12) 1,1-Dichloroethene	2.118	96	16342	0.916	ug/L	95
13) Acetone	2.188	43	15190m	7.852	ug/L	
14) Carbon disulfide	2.291	76	59056	0.932	ug/L	98
15) Methyl Acetate	2.446	43	3732	0.795	ug/L	94
16) Methylene chloride	2.503	84	29870	1.295	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	35634	0.932	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	19560	0.945	ug/L	94
19) 1,1-Dichloroethane	3.188	63	31510	0.932	ug/L	94
21) 2-Butanone	4.018	43	25412m	8.668	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	19112	0.909	ug/L	96
23) Bromochloromethane	4.246	128	8374	0.941	ug/L	97
25) Chloroform	4.378	83	34087	0.961	ug/L	99
27) 1,2-Dichloroethane	5.137	62	16633	0.911	ug/L	94
29) 1,1,1-Trichloroethane	4.606	97	28535	0.936	ug/L	97
30) Cyclohexane	4.677	56	28072	0.906	ug/L	99
31) Carbon tetrachloride	4.825	117	23416	0.892	ug/L	99
33) Benzene	5.101	78	72332	0.911	ug/L	100
34) Trichloroethene	5.915	95	18998	0.935	ug/L	99
35) Methylcyclohexane	6.130	83	31942	0.894	ug/L	99
37) 1,2-Dichloropropane	6.175	63	16787	0.917	ug/L	97
38) Bromodichloromethane	6.510	83	21772	0.939	ug/L	94
39) cis-1,3-Dichloropropene	7.031	75	22353	0.874	ug/L	93
40) 4-Methyl-2-pentanone	7.230	43	73947m	9.403	ug/L	
42) Toluene	7.387	91	78684	0.917	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	16948	0.854	ug/L	97

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

45) 1,1,2-Trichloroethane	7.841	97	11189	0.933	ug/L	96
47) Tetrachloroethene	7.973	164	15197	0.934	ug/L	96
48) 2-Hexanone	8.146	43	49651m	9.058	ug/L	
49) Dibromochloromethane	8.243	129	13034	0.899	ug/L	94
50) 1,2-Dibromoethane	8.352	107	10492	0.942	ug/L	92
51) Chlorobenzene	8.879	112	49043	0.925	ug/L	98
52) Ethylbenzene	9.008	91	80866	0.905	ug/L	99
53) m,p-Xylene	9.137	106	31405	0.884	ug/L	100
54) o-Xylene	9.539	106	29583	0.876	ug/L	99
55) Styrene	9.561	104	49382	0.872	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.236	83	12701	0.909	ug/L	100
59) Bromoform	9.728	173	6736	0.925	ug/L	97
60) Isopropylbenzene	9.928	105	80183	0.925	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	8795	0.964	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	65046	0.886	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	65690	0.893	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	37273	0.915	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	37532	0.917	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	34082	0.931	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.423	75	1482	0.825	ug/L	97
69) 1,3,5-Trichlorobenzene	12.638	180	28593	0.910	ug/L	98
70) 1,2,4-trichlorobenzene	13.255	180	21251	0.894	ug/L	98
71) Naphthalene	13.500	128	23423	0.764	ug/L	97
72) 1,2,3-Trichlorobenzene	13.738	180	17191	0.854	ug/L	99

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

