

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VV032971.D
 Acq On : 16 Nov 2023 19:21
 Operator : SY/MD
 Sample : VSTD00111
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001211

Quant Time: Nov 17 00:30:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:29:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 11/20/2023
 Supervised By :Semsettin
 Yesilyurt
 11/20/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	169005	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	174564	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	87203	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	14037	0.976	ug/L	0.00
7) Chloroethane-d5	1.532	69	11946	0.866	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	6087	0.960	ug/L	0.00
20) 2-Butanone-d5	3.828	46	17702m	9.240	ug/L	0.03
24) Chloroform-d	4.255	84	23444	0.948	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.956	65	10489	0.961	ug/L	0.01
32) Benzene-d6	4.966	84	40874	0.891	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	11983	0.920	ug/L	0.00
41) Toluene-d8	7.249	98	37741	0.874	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.567	79	4292	0.845	ug/L	0.00
46) 2-Hexanone-d5	8.033	63	14001m	8.269	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	8920	0.928	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	13919	0.917	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.104	85	18797	1.017	ug/L	96
3) Chloromethane	1.214	50	18441	1.003	ug/L	97
5) Vinyl chloride	1.281	62	17843	1.022	ug/L	97
6) Bromomethane	1.487	94	11321	0.910	ug/L	94
8) Chloroethane	1.548	64	11565	0.883	ug/L	95
9) Trichlorofluoromethane	1.715	101	28043	1.035	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	15422	1.004	ug/L	99
12) 1,1-Dichloroethene	2.069	96	14395	1.009	ug/L	94
13) Acetone	2.127	43	20209	11.353	ug/L	91
14) Carbon disulfide	2.243	76	40107	0.973	ug/L	99
15) Methyl Acetate	2.394	43	4272m	1.082	ug/L	
16) Methylene chloride	2.448	84	21105	1.249	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	22084	0.928	ug/L	96
18) trans-1,2-Dichloroethene	2.699	96	12903	0.951	ug/L	98
19) 1,1-Dichloroethane	3.117	63	23540	0.980	ug/L	98
21) 2-Butanone	3.905	43	22639m	10.585	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	13413	0.967	ug/L	92
23) Bromochloromethane	4.159	128	6273	0.986	ug/L	84
25) Chloroform	4.284	83	25100	0.947	ug/L	99
27) 1,2-Dichloroethane	5.050	62	12773	0.906	ug/L	95
29) 1,1,1-Trichloroethane	4.516	97	23322	0.968	ug/L	99
30) Cyclohexane	4.583	56	14590	0.868	ug/L #	96
31) Carbon tetrachloride	4.738	117	20734	0.993	ug/L	98
33) Benzene	5.017	78	46703	0.906	ug/L	100
34) Trichloroethene	5.844	95	13457	0.949	ug/L	96
35) Methylcyclohexane	6.053	83	16353	0.871	ug/L	94
37) 1,2-Dichloropropane	6.098	63	12112	0.946	ug/L #	94
38) Bromodichloromethane	6.442	83	16685	0.944	ug/L	91
39) cis-1,3-Dichloropropene	6.963	75	14989	0.853	ug/L	97
40) 4-Methyl-2-pentanone	7.165	43	40057	7.925	ug/L	98
42) Toluene	7.320	91	50903	0.908	ug/L	93
44) trans-1,3-Dichloropropene	7.593	75	12610	0.892	ug/L	89

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

45) 1,1,2-Trichloroethane	7.776	97	8998	0.976	ug/L	97
47) Tetrachloroethene	7.908	164	11421	0.956	ug/L	93
48) 2-Hexanone	8.085	43	33593m	9.050	ug/L	
49) Dibromochloromethane	8.178	129	10255	0.927	ug/L	97
50) 1,2-Dibromoethane	8.291	107	8324	0.944	ug/L #	89
51) Chlorobenzene	8.818	112	35560	0.945	ug/L	96
52) Ethylbenzene	8.950	91	51097	0.877	ug/L	99
53) m,p-Xylene	9.078	106	18954	0.842	ug/L	95
54) o-Xylene	9.484	106	17338	0.806	ug/L	96
55) Styrene	9.503	104	29344	0.793	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	9650	0.938	ug/L #	95
59) Bromoform	9.670	173	5219	0.949	ug/L	95
60) Isopropylbenzene	9.869	105	47363	0.877	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	6115	0.960	ug/L #	88
62) 1,3,5-Trimethylbenzene	10.477	105	34830	0.823	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	34814	0.816	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	27182	0.948	ug/L	95
65) 1,4-Dichlorobenzene	11.213	146	28260	0.965	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	24431	0.954	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	1690	1.107	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.586	180	20274	0.952	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	15743	0.911	ug/L	98
71) Naphthalene	13.445	128	20787	0.865	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.683	180	14476	0.962	ug/L	95

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

Manual Integrations

11/20/2023

Abundance

TIC: VV032971.D\data.ms

11/20/2023

Time-->

400000

380000

360000

340000

320000

300000

280000

260000

240000

220000

200000

180000

160000

140000

120000

100000

80000

60000

40000

20000

0

0.00 2.00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 17.00

1,1-Dichloroethane, T

Chloroethane, T

Chloromethane, T

Trichlorofluoromethane, T

Acetone, T

Carbon disulfide, T

Methyl acetate, T

Methylene chloride, T

Methyl 1,2-dichloroethane, T

1,1-Dichloroethane, T

2-Butanol, T

1,2-Dichloroethane, T

Bromochloroethane, T

1,1,1-Trichloroethane, T

Carbon tetrachloride, T

1,2-Dichlorobenzene-d4, S

1,4-Difluorobenzene, I

Trichloroethene, T

1,2-Dichlorobenzene, T

Bromodichloromethane, T

cis-1,3-Dichloropropene, T

Toluene, T

Methyl 2-pentanone, T

trans-1,2-Dichloroethene, T

1,1,2-Trichloroethane, T

1,2-Dichloroethane, T

1,2-Dibromomethane, T

Chlorobenzene, T

Chlorobenzene-d5, I

m,p-Xylene, T

Styrene, T

Bromoforn, T

Isopropylbenzene, T

1,3,4-Trichlorobenzene, T

1,3,5-Trimethylbenzene, T

1,2,4-Trimethylbenzene, T

1,3-Dichlorobenzene, T

1,4-Dichlorobenzene, T

1,2,3-Trichlorobenzene, T

1,2-Dibromo-3-chloropropane, T

1,3,5-Trichlorobenzene

1,2,4-trichlorobenzene, T

Napthalene

1,2,3-Trichlorobenzene, T