

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022983.D
 Acq On : 22 Oct 2021 11:47
 Operator : SY/MD
 Sample : VSTD02045
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02045

Quant Time: Oct 23 00:42:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 00:39:32 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	141401	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	139023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	81667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	252746	24.085	ug/L	0.00
7) Chloroethane-d5	1.558	69	160659	18.637	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.098	63	359132	18.823	ug/L	-0.02
20) 2-Butanone-d5	3.985	46	477546	189.693	ug/L	0.03
24) Chloroform-d	4.346	84	412037	20.264	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	200842	20.462	ug/L	0.00
32) Benzene-d6	5.043	84	858461	20.309	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	268713	21.490	ug/L	-0.02
41) Toluene-d8	7.313	98	846589	23.006	ug/L	-0.02
43) trans-1,3-Dichloroprop...	7.622	79	101569	24.231	ug/L	-0.02
46) 2-Hexanone-d5	8.104	63	452947	276.474	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	192081	22.878	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	313778	20.592	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	173628	17.272	ug/L	99
3) Chloromethane	1.236	50	189728	18.593	ug/L	95
5) Vinyl chloride	1.301	62	189538	17.900	ug/L	99
6) Bromomethane	1.513	94	101180	15.965	ug/L	99
8) Chloroethane	1.574	64	101791	16.078	ug/L	99
9) Trichlorofluoromethane	1.744	101	267435	17.704	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	146987	16.573	ug/L	100
12) 1,1-Dichloroethene	2.108	96	134585	16.181	ug/L	86
13) Acetone	2.288	43	156458	116.336	ug/L	68
14) Carbon disulfide	2.281	76	383828	16.529	ug/L	100
15) Methyl Acetate	2.468	43	93553m	25.485	ug/L	
16) Methylene chloride	2.497	84	155779	14.083	ug/L	90
17) Methyl tert-butyl Ether	2.776	73	354218	18.351	ug/L	98
18) trans-1,2-Dichloroethene	2.748	96	153784	17.578	ug/L	96
19) 1,1-Dichloroethane	3.182	63	237928	15.072	ug/L	98
21) 2-Butanone	4.069	43	421002	184.127	ug/L	100
22) cis-1,2-Dichloroethene	3.905	96	197892	20.430	ug/L #	93
23) Bromochloromethane	4.243	128	80827	18.991	ug/L	91
25) Chloroform	4.371	83	340377	17.823	ug/L	97
27) 1,2-Dichloroethane	5.133	62	197456	20.549	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	300234	18.849	ug/L	99
30) Cyclohexane	4.661	56	284759	19.593	ug/L	98
31) Carbon tetrachloride	4.815	117	257752	18.711	ug/L	97
33) Benzene	5.092	78	743909	19.811	ug/L	100
34) Trichloroethene	5.908	95	187633	18.583	ug/L	97
35) Methylcyclohexane	6.120	83	306177	21.590	ug/L	96
37) 1,2-Dichloropropane	6.175	63	191587	21.225	ug/L	97
38) Bromodichloromethane	6.509	83	237574	21.268	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	273294	23.134	ug/L	99
40) 4-Methyl-2-pentanone	7.246	43	1088697	229.397	ug/L	98
42) Toluene	7.387	91	839055	21.966	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	227063	23.392	ug/L	99

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Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	132945	19.979	ug/L	99
47) Tetrachloroethene	7.972	164	160568	19.570	ug/L	99
48) 2-Hexanone	8.156	43	781413	225.174	ug/L	97
49) Dibromochloromethane	8.249	129	168062	21.532	ug/L	99
50) 1,2-Dibromoethane	8.355	107	126212	20.492	ug/L	99
51) Chlorobenzene	8.882	112	529703	21.257	ug/L	100
52) Ethylbenzene	9.011	91	888873	23.249	ug/L	100
53) m,p-xylene	9.140	106	359580	23.740	ug/L	99
54) o-xylene	9.545	106	346404	24.518	ug/L	98
55) Styrene	9.561	104	615427	25.238	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	156613	23.013	ug/L	98
59) Bromoform	9.731	173	93302	20.395	ug/L	99
60) Isopropylbenzene	9.931	105	933638	22.523	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	110827	19.671	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	792897	23.895	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	816806	24.562	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	458146	21.092	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	456168	20.731	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	423946	20.858	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	22636	21.472	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	354831	21.677	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	279772	22.587	ug/L	99
71) Naphthalene	13.503	128	474150	24.104	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	263633	22.607	ug/L	98

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

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