

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027626.D
 Acq On : 31 Aug 2022 18:45
 Operator : SY/MD
 Sample : VSTD02023
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020223

Quant Time: Sep 01 01:49:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:48:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	155037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154129	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	348207	20.674	ug/L	0.00
7) Chloroethane-d5	1.564	69	277134	19.667	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	655682	19.891	ug/L	0.00
20) 2-Butanone-d5	3.883	46	609873m	241.293	ug/L	-0.02
24) Chloroform-d	4.342	84	654779	19.365	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	292251	19.295	ug/L	0.00
32) Benzene-d6	5.047	84	1280899	20.288	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	368646	18.878	ug/L	0.00
41) Toluene-d8	7.313	98	1174603	21.484	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	129742	21.566	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	571230	252.498	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	237417	18.893	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	365762	19.021	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	415979	19.695	ug/L	99
3) Chloromethane	1.240	50	376137	18.600	ug/L	99
5) Vinyl chloride	1.310	62	379881	19.727	ug/L	96
6) Bromomethane	1.519	94	186494	20.607	ug/L	100
8) Chloroethane	1.584	64	214732	19.951	ug/L	97
9) Trichlorofluoromethane	1.751	101	497747	19.273	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	274995	19.559	ug/L	94
12) 1,1-Dichloroethene	2.114	96	246675	19.061	ug/L	93
13) Acetone	2.179	43	344663m	184.851	ug/L	
14) Carbon disulfide	2.291	76	829500	20.286	ug/L	99
15) Methyl Acetate	2.433	43	89917	17.590	ug/L	95
16) Methylene chloride	2.503	84	300698	18.419	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	579802	20.973	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	292567	19.946	ug/L	99
19) 1,1-Dichloroethane	3.185	63	564719	19.665	ug/L	99
21) 2-Butanone	3.969	43	566026m	252.917	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	311954	21.309	ug/L	96
23) Bromochloromethane	4.243	128	124374	19.177	ug/L	97
25) Chloroform	4.368	83	574959	19.068	ug/L	98
27) 1,2-Dichloroethane	5.127	62	321170	19.509	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	514079	19.289	ug/L	99
30) Cyclohexane	4.674	56	504506	22.440	ug/L	99
31) Carbon tetrachloride	4.825	117	443187	19.434	ug/L	100
33) Benzene	5.095	78	1234951	20.543	ug/L	100
34) Trichloroethene	5.908	95	300247	20.318	ug/L	99
35) Methylcyclohexane	6.127	83	521762	22.753	ug/L	97
37) 1,2-Dichloropropane	6.169	63	310333	20.444	ug/L #	98
38) Bromodichloromethane	6.506	83	382078	19.902	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	419444	22.633	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	1550172	229.770	ug/L	98
42) Toluene	7.384	91	1309550	21.815	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	340355	22.534	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	191038	19.511	ug/L	97
47) Tetrachloroethene	7.972	164	237261	19.802	ug/L	98
48) 2-Hexanone	8.136	43	1099800	217.293	ug/L	97
49) Dibromochloromethane	8.243	129	231020	19.913	ug/L	96
50) 1,2-Dibromoethane	8.349	107	173555	19.787	ug/L	98
51) Chlorobenzene	8.879	112	783724	20.707	ug/L	100
52) Ethylbenzene	9.008	91	1420721	23.361	ug/L	98
53) m,p-Xylene	9.136	106	543383	23.241	ug/L	97
54) o-Xylene	9.542	106	523919	23.483	ug/L	100
55) Styrene	9.558	104	912655	23.954	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	216695	20.016	ug/L	99
59) Bromoform	9.728	173	113721	18.640	ug/L	99
60) Isopropylbenzene	9.927	105	1409886	21.689	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	156593	18.019	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	388793	21.921	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	1203278	23.595	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	625243	19.931	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	612324	19.631	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	561100	19.942	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	33274	19.225	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	462816	20.463	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	352529	21.146	ug/L	99
71) Naphthalene	13.500	128	518898	19.889	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	317509	21.144	ug/L	98

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

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