

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081922\
 Data File : VW027437.D
 Acq On : 19 Aug 2022 11:03
 Operator : SY/MD
 Sample : VSTD01016
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010216

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 20 05:22:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152374	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	151123	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	110743	8.776	ug/L	0.00
7) Chloroethane-d5	1.565	69	75798	8.193	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	249523	10.314	ug/L	0.00
20) 2-Butanone-d5	3.886	46	141342	68.723	ug/L	0.00
24) Chloroform-d	4.343	84	218674	9.277	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	93021	8.384	ug/L	0.00
32) Benzene-d6	5.047	84	433867	9.890	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	120120	8.968	ug/L	0.00
41) Toluene-d8	7.314	98	413509	10.316	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	44254	9.521	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	154485	88.947	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	75556	7.989	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	121671	8.597	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	167026	9.424	ug/L	99
3) Chloromethane	1.240	50	147168	8.493	ug/L	99
5) Vinyl chloride	1.311	62	147641	8.998	ug/L	100
6) Bromomethane	1.520	94	75117	9.733	ug/L	100
8) Chloroethane	1.584	64	81515	8.870	ug/L	98
9) Trichlorofluoromethane	1.751	101	230422	10.218	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	132387	11.913	ug/L	99
12) 1,1-Dichloroethene	2.114	96	118606	10.674	ug/L	91
13) Acetone	2.175	43	128003m	81.990	ug/L	
14) Carbon disulfide	2.291	76	324100	7.775	ug/L	100
15) Methyl Acetate	2.433	43	35703	8.551	ug/L	93
16) Methylene chloride	2.503	84	134135	7.754	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	258829	10.129	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	125119	9.395	ug/L	97
19) 1,1-Dichloroethane	3.185	63	264766	10.214	ug/L	99
21) 2-Butanone	3.970	43	198057	90.773	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	136821	10.388	ug/L	98
23) Bromochloromethane	4.243	128	59405	9.727	ug/L	95
25) Chloroform	4.368	83	273903	10.179	ug/L	97
27) 1,2-Dichloroethane	5.127	62	144077	9.437	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	239100	10.928	ug/L	99
30) Cyclohexane	4.674	56	200608	11.561	ug/L	98
31) Carbon tetrachloride	4.822	117	209475	11.021	ug/L	98
33) Benzene	5.095	78	553748	10.637	ug/L	100
34) Trichloroethene	5.912	95	138376	10.618	ug/L	99
35) Methylcyclohexane	6.127	83	207647	11.718	ug/L	95
37) 1,2-Dichloropropane	6.169	63	141445	10.974	ug/L	99
38) Bromodichloromethane	6.507	83	180009	10.730	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	180361	11.314	ug/L	98
40) 4-Methyl-2-pentanone	7.224	43	701763	107.486	ug/L	98
42) Toluene	7.384	91	592146	11.379	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	151008	10.993	ug/L	99

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

45) 1,1,2-Trichloroethane	7.838	97	90747	10.010	ug/L	95
47) Tetrachloroethene	7.973	164	109032	10.655	ug/L	98
48) 2-Hexanone	8.137	43	500741	106.739	ug/L	97
49) Dibromochloromethane	8.243	129	114246	10.618	ug/L	95
50) 1,2-Dibromoethane	8.349	107	80231	9.973	ug/L	95
51) Chlorobenzene	8.879	112	360844	10.637	ug/L	99
52) Ethylbenzene	9.011	91	615689	11.820	ug/L	100
53) m,p-Xylene	9.137	106	241416	12.132	ug/L	97
54) o-Xylene	9.542	106	228230	11.696	ug/L	99
55) Styrene	9.558	104	404533	12.134	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	101860	10.046	ug/L	98
59) Bromoform	9.731	173	55060	9.598	ug/L	99
60) Isopropylbenzene	9.928	105	616967	11.424	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	72563	8.910	ug/L	97
62) 1,3,5-Trimethylbenzene	10.539	105	160519	10.768	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	498652	11.702	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	290654	10.719	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	285467	10.566	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	261040	10.469	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	15638	9.280	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	216661	11.070	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	157371	10.791	ug/L	99
71) Naphthalene	13.500	128	218336	9.913	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	146233	10.887	ug/L	100

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

