

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028682.D
 Acq On : 25 Oct 2022 11:47
 Operator : SY/MD
 Sample : VSTD01073
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010273

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 04:37:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	148116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	144893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	74622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	146210	10.772	ug/L	0.00
7) Chloroethane-d5	1.558	69	125161	11.514	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.098	63	284708	11.867	ug/L	-0.02
20) 2-Butanone-d5	3.963	46	319526	115.472	ug/L	0.00
24) Chloroform-d	4.339	84	240301	11.427	ug/L	-0.02
26) 1,2-Dichloroethane-d4	5.027	65	120377	10.415	ug/L	-0.01
32) Benzene-d6	5.043	84	470051	7.965	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	155806	8.674	ug/L	0.00
41) Toluene-d8	7.310	98	417410	9.763	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	49696	10.531	ug/L	-0.01
46) 2-Hexanone-d5	8.091	63	279122	141.413	ug/L	-0.02
56) 1,1,2,2-Tetrachloroeth...	10.210	84	112522	12.339	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	139118	10.868	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	92991	13.543	ug/L	95
3) Chloromethane	1.236	50	160654	11.806	ug/L	99
5) Vinyl chloride	1.301	62	169123	12.913	ug/L	97
6) Bromomethane	1.513	94	76262	11.937	ug/L	95
8) Chloroethane	1.574	64	111389	12.635	ug/L	96
9) Trichlorofluoromethane	1.741	101	224626	13.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	130042	13.569	ug/L	99
12) 1,1-Dichloroethene	2.108	96	114820	12.652	ug/L	88
13) Acetone	2.291	43	173197m	99.734	ug/L	
14) Carbon disulfide	2.281	76	249763	11.447	ug/L	100
15) Methyl Acetate	2.455	43	80710	15.600	ug/L #	91
16) Methylene chloride	2.497	84	124810	9.503	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	280074	11.138	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	110116	11.157	ug/L	96
19) 1,1-Dichloroethane	3.182	63	262388	11.257	ug/L	96
21) 2-Butanone	4.037	43	346051	112.488	ug/L #	73
22) cis-1,2-Dichloroethene	3.905	96	128191	11.191	ug/L #	99
23) Bromochloromethane	4.240	128	49350	11.724	ug/L	91
25) Chloroform	4.368	83	253349	11.437	ug/L	99
27) 1,2-Dichloroethane	5.127	62	147664	10.508	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	197597	8.293	ug/L	98
30) Cyclohexane	4.667	56	200230	7.858	ug/L	98
31) Carbon tetrachloride	4.821	117	159068	8.973	ug/L	98
33) Benzene	5.092	78	527588	8.297	ug/L	100
34) Trichloroethene	5.908	95	123728	8.506	ug/L	93
35) Methylcyclohexane	6.124	83	193234	8.956	ug/L	97
37) 1,2-Dichloropropane	6.169	63	147224	8.965	ug/L	99
38) Bromodichloromethane	6.506	83	171116	10.524	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	186041	10.594	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	953248	114.553	ug/L	100
42) Toluene	7.381	91	550362	10.362	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	147735	11.465	ug/L	99

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45) 1,1,2-Trichloroethane	7.834	97	88419	10.750	ug/L	96
47) Tetrachloroethene	7.969	164	86525	10.826	ug/L	98
48) 2-Hexanone	8.140	43	676270	127.151	ug/L	100
49) Dibromochloromethane	8.239	129	96080	12.505	ug/L	98
50) 1,2-Dibromoethane	8.349	107	75154	10.735	ug/L	97
51) Chlorobenzene	8.876	112	333532	10.709	ug/L	99
52) Ethylbenzene	9.008	91	601764	10.895	ug/L	99
53) m,p-Xylene	9.133	106	223452	11.194	ug/L	98
54) o-Xylene	9.538	106	223261	11.166	ug/L	98
55) Styrene	9.554	104	394517	11.607	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	114024	11.780	ug/L	99
59) Bromoform	9.725	173	46537	12.852	ug/L	99
60) Isopropylbenzene	9.924	105	621382	10.454	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	82046	10.580	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	178516	10.418	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	513050	11.159	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	264009	11.166	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	263003	11.068	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	243467	11.119	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	16527	11.894	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	198862	11.777	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	157527	11.876	ug/L	98
71) Naphthalene	13.490	128	255772	11.327	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	137884	11.876	ug/L	95

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

