

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028632.D
 Acq On : 20 Oct 2022 12:50
 Operator : SY/MD
 Sample : VSTD02068
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020268

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 20 23:12:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 20 23:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.587	114	263746	5.000	ug/L	-0.02
28) Chlorobenzene-d5	8.853	117	167353	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	87844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	512174	21.431	ug/L	0.00
7) Chloroethane-d5	1.558	69	389634	20.136	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.095	63	890053	20.706	ug/L	0.00
20) 2-Butanone-d5	3.947	46	1020948	210.056	ug/L	0.00
24) Chloroform-d	4.342	84	744696	20.658	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	456322	24.696	ug/L	0.00
32) Benzene-d6	5.034	84	1632148	28.260	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.050	67	379849m	19.557	ug/L	0.00
41) Toluene-d8	7.320	98	1104747	24.747	ug/L	0.02
43) trans-1,3-Dichloroprop...	7.628	79	119103	20.869	ug/L	0.02
46) 2-Hexanone-d5	8.108	63	571118	232.856	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	249479	23.896	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	344822	23.290	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	219889	14.844	ug/L	97
3) Chloromethane	1.230	50	420641	16.682	ug/L	98
5) Vinyl chloride	1.301	62	432540	17.364	ug/L	98
6) Bromomethane	1.513	94	200454	17.710	ug/L	98
8) Chloroethane	1.574	64	274193	16.846	ug/L	97
9) Trichlorofluoromethane	1.741	101	527986	17.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	317025	17.496	ug/L	99
12) 1,1-Dichloroethene	2.105	96	292168	17.432	ug/L	99
13) Acetone	2.240	43	526146	153.086	ug/L	91
14) Carbon disulfide	2.278	76	736100	16.163	ug/L	99
15) Methyl Acetate	2.449	43	186337	23.184	ug/L	96
16) Methylene chloride	2.494	84	344734	14.703	ug/L	99
17) Methyl tert-butyl Ether	2.773	73	810072	18.873	ug/L	99
18) trans-1,2-Dichloroethene	2.741	96	313199	17.947	ug/L	98
19) 1,1-Dichloroethane	3.172	63	741474	18.646	ug/L	97
21) 2-Butanone	4.034	43	1002877	199.286	ug/L	99
22) cis-1,2-Dichloroethene	3.892	96	363777	18.350	ug/L #	95
23) Bromochloromethane	4.236	128	129098	17.091	ug/L	97
25) Chloroform	4.368	83	676345	17.935	ug/L	99
27) 1,2-Dichloroethane	5.120	62	507167	22.667	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	550782	22.924	ug/L	98
30) Cyclohexane	4.657	56	632362	22.836	ug/L	98
31) Carbon tetrachloride	4.812	117	428147	23.035	ug/L	99
33) Benzene	5.082	78	1560406	24.858	ug/L	100
34) Trichloroethene	5.879	95	262170	16.869	ug/L	93
35) Methylcyclohexane	6.095	83	447308	17.304	ug/L	95
37) 1,2-Dichloropropane	6.156	63	300432	17.914	ug/L	99
38) Bromodichloromethane	6.503	83	333754	18.469	ug/L	100
39) cis-1,3-Dichloropropene	7.037	75	403669	19.586	ug/L	100
40) 4-Methyl-2-pentanone	7.259	43	1802820	211.190	ug/L	99
42) Toluene	7.391	91	1218187	21.374	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	323052	21.480	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.847	97	184746	21.572	ug/L	95
47) Tetrachloroethene	7.976	164	188004	20.085	ug/L	98
48) 2-Hexanone	8.159	43	1269485	220.148	ug/L	98
49) Dibromochloromethane	8.249	129	196359	21.931	ug/L	95
50) 1,2-Dibromoethane	8.355	107	164181	21.777	ug/L	99
51) Chlorobenzene	8.879	112	759447	21.558	ug/L	99
52) Ethylbenzene	9.011	91	1408153	22.456	ug/L	99
53) m,p-Xylene	9.136	106	523264	22.217	ug/L	99
54) o-Xylene	9.538	106	521386	23.012	ug/L	96
55) Styrene	9.558	104	914393	23.627	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	235544	22.130	ug/L	96
59) Bromoform	9.728	173	90582	20.602	ug/L	97
60) Isopropylbenzene	9.927	105	1446720	22.101	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	164076	20.250	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	411215	21.114	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	1183292	22.146	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	589496	21.366	ug/L	100
65) 1,4-Dichlorobenzene	11.265	146	580440	21.384	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	534530	21.519	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	31253	19.546	ug/L	90
69) 1,3,5-Trichlorobenzene	12.635	180	434159	21.788	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	348388	22.860	ug/L	99
71) Naphthalene	13.490	128	565496	24.949	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	300465	23.627	ug/L	98

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

