

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027286.D
 Acq On : 11 Aug 2022 17:56
 Operator : SY/MD
 Sample : VSTD00108
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001208

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/12/2022
 Supervised By :Mahesh Dadoda 08/14/2022

Quant Time: Aug 12 01:47:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 01:38:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	156174	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160723	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74168	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	14164	1.044	ug/L	0.00
7) Chloroethane-d5	1.561	69	11320	1.149	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	26745	1.087	ug/L	0.00
20) 2-Butanone-d5	3.905	46	21679m	8.711	ug/L	0.02
24) Chloroform-d	4.346	84	27233	1.094	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	12964	1.094	ug/L	0.00
32) Benzene-d6	5.050	84	49182	1.037	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	15774	1.012	ug/L	0.00
41) Toluene-d8	7.316	98	43163	0.994	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	4985	0.982	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	17296	8.802	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	11765	1.109	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	13850	1.082	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	16891	0.910	ug/L	94
3) Chloromethane	1.236	50	19864	1.070	ug/L	100
5) Vinyl chloride	1.307	62	16039	0.926	ug/L	96
6) Bromomethane	1.516	94	8271	1.023	ug/L	93
8) Chloroethane	1.580	64	10887	1.131	ug/L	99
9) Trichlorofluoromethane	1.748	101	22772	0.985	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	10228	0.942	ug/L	93
12) 1,1-Dichloroethene	2.111	96	11354	1.010	ug/L	96
13) Acetone	2.166	43	16775m	9.474	ug/L	
14) Carbon disulfide	2.288	76	45575	1.012	ug/L	99
15) Methyl Acetate	2.432	43	3994	0.966	ug/L	98
16) Methylene chloride	2.500	84	18978	1.051	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	25673	0.978	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	14238	1.029	ug/L	98
19) 1,1-Dichloroethane	3.185	63	27700	1.046	ug/L	97
21) 2-Butanone	3.989	43	19738m	9.080	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	12974	0.954	ug/L	88
23) Bromochloromethane	4.246	128	6377	1.003	ug/L	98
25) Chloroform	4.375	83	29582	1.087	ug/L	96
27) 1,2-Dichloroethane	5.137	62	17037	1.096	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	21938	0.970	ug/L	92
30) Cyclohexane	4.667	56	14033	0.766	ug/L	95
31) Carbon tetrachloride	4.821	117	19110	0.971	ug/L	99
33) Benzene	5.098	78	53426	0.973	ug/L	100
34) Trichloroethene	5.915	95	13522	0.989	ug/L	94
35) Methylcyclohexane	6.127	83	14192	0.754	ug/L	99
37) 1,2-Dichloropropane	6.175	63	12851	0.946	ug/L	100
38) Bromodichloromethane	6.509	83	17884	1.022	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	14201	0.856	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	63766	9.100	ug/L	97
42) Toluene	7.390	91	47907	0.874	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	12678	0.873	ug/L	100

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

45) 1,1,2-Trichloroethane	7.841	97	9872	1.020	ug/L	96
47) Tetrachloroethene	7.976	164	10127	0.943	ug/L	94
48) 2-Hexanone	8.146	43	45791	9.280	ug/L	93
49) Dibromochloromethane	8.246	129	11316	0.999	ug/L	97
50) 1,2-Dibromoethane	8.355	107	7904	0.918	ug/L #	95
51) Chlorobenzene	8.882	112	34855	0.976	ug/L	98
52) Ethylbenzene	9.014	91	45742	0.831	ug/L	92
53) m,p-Xylene	9.143	106	17143	0.816	ug/L	92
54) o-Xylene	9.545	106	17531	0.853	ug/L	94
55) Styrene	9.561	104	28613	0.810	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	11317	1.049	ug/L	99
59) Bromoform	9.731	173	5532	1.106	ug/L	97
60) Isopropylbenzene	9.931	105	40313	0.863	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	8055	1.128	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	12090	0.936	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	31488	0.851	ug/L	96
64) 1,3-Dichlorobenzene	11.181	146	22442	0.961	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	22506	0.958	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	20559	0.946	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.429	75	1604	1.075	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	16223	0.964	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	11824	0.940	ug/L	98
71) Naphthalene	13.506	128	18292	0.941	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	10931	0.932	ug/L	97

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

