

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026505.D
 Acq On : 23 Jun 2022 10:49
 Operator : SY/MD
 Sample : VSTD00174
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001274

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/28/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 00:01:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:00:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	215350	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	198284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89010	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	17696	0.977	ug/L	0.00
7) Chloroethane-d5	1.580	69	13997	0.967	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	30113	0.953	ug/L	0.00
20) 2-Butanone-d5	3.957	46	12348m	6.742	ug/L	0.04
24) Chloroform-d	4.362	84	27580	1.010	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.050	65	10250	0.905	ug/L	0.00
32) Benzene-d6	5.063	84	54089	1.015	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	14488	0.870	ug/L	0.00
41) Toluene-d8	7.320	98	44014	0.908	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	3074	0.647	ug/L	0.01
46) 2-Hexanone-d5	8.104	63	10021	6.717	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	9372	0.985	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	14071	1.023	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	15378	0.958	ug/L	98
3) Chloromethane	1.253	50	17346	0.978	ug/L	96
5) Vinyl chloride	1.323	62	17890	0.970	ug/L #	36
6) Bromomethane	1.535	94	9348	0.917	ug/L	95
8) Chloroethane	1.597	64	11584m	0.985	ug/L	
9) Trichlorofluoromethane	1.764	101	24608	0.961	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	14137	0.945	ug/L	98
12) 1,1-Dichloroethene	2.130	96	13854	1.012	ug/L	96
13) Acetone	2.233	43	10223m	8.290	ug/L	
14) Carbon disulfide	2.304	76	33802	0.991	ug/L	97
15) Methyl Acetate	2.471	43	2982m	0.939	ug/L	
16) Methylene chloride	2.519	84	14626	0.852	ug/L	97
17) Methyl tert-butyl Ether	2.789	73	19679	0.859	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	13383	0.999	ug/L	91
19) 1,1-Dichloroethane	3.204	63	24255	0.965	ug/L	96
21) 2-Butanone	4.066	43	12121m	6.878	ug/L	
22) cis-1,2-Dichloroethene	3.931	96	13018	0.964	ug/L	96
23) Bromochloromethane	4.268	128	5281	0.937	ug/L	95
25) Chloroform	4.391	83	26400	0.969	ug/L	97
27) 1,2-Dichloroethane	5.149	62	11199	0.910	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	22390	1.001	ug/L	97
30) Cyclohexane	4.686	56	15931	0.937	ug/L	99
31) Carbon tetrachloride	4.838	117	18078	0.953	ug/L	98
33) Benzene	5.108	78	50907	0.976	ug/L	100
34) Trichloroethene	5.924	95	13801	0.976	ug/L	94
35) Methylcyclohexane	6.133	83	17238	0.859	ug/L	98
37) 1,2-Dichloropropane	6.182	63	12345	0.929	ug/L	99
38) Bromodichloromethane	6.519	83	14952	0.932	ug/L	99
39) cis-1,3-Dichloropropene	7.040	75	9870	0.674	ug/L	92
40) 4-Methyl-2-pentanone	7.236	43	33588	7.077	ug/L	98
42) Toluene	7.394	91	48735	0.892	ug/L	99
44) trans-1,3-Dichloropropene	7.664	75	7388	0.636	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.847	97	7555	0.868	ug/L	94
47) Tetrachloroethene	7.979	164	11158	1.050	ug/L	98
48) 2-Hexanone	8.149	43	23385m	6.983	ug/L	
49) Dibromochloromethane	8.249	129	7282	0.775	ug/L	94
50) 1,2-Dibromoethane	8.358	107	6474	0.868	ug/L	97
51) Chlorobenzene	8.882	112	34509	0.970	ug/L	98
52) Ethylbenzene	9.014	91	48820	0.885	ug/L	98
53) m,p-Xylene	9.140	106	17931	0.829	ug/L	97
54) o-Xylene	9.545	106	17358	0.839	ug/L	98
55) Styrene	9.564	104	26031	0.749	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	8501	0.941	ug/L	97
59) Bromoform	9.734	173	2830	0.760	ug/L #	99
60) Isopropylbenzene	9.931	105	46433	0.947	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	5540	0.968	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	33814	0.867	ug/L	93
63) 1,2,4-Trimethylbenzene	10.915	105	33001	0.854	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	24141	1.009	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	23445	0.969	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	20218	0.966	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	838	0.845	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	17386	1.014	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	11252	0.891	ug/L	97
71) Naphthalene	13.506	128	13716	0.795	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	8833	0.845	ug/L	96

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

Manual Integrations

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