

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025192.D
 Acq On : 26 Mar 2022 12:21
 Operator : SY/MD
 Sample : VSTD00126
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001226

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 28 01:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:02:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	152635	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	147260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	13725	1.090	ug/L	0.00
7) Chloroethane-d5	1.568	69	11151	1.171	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	28784	1.329	ug/L	0.00
20) 2-Butanone-d5	3.966	46	12997m	8.916	ug/L	0.06
24) Chloroform-d	4.355	84	17563	0.883	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.047	65	7703	0.912	ug/L	0.01
32) Benzene-d6	5.056	84	33754	0.803	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	9644	0.800	ug/L	0.00
41) Toluene-d8	7.320	98	29477	0.766	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2850	0.691	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	8970	6.312	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	6749	0.940	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	10491	0.915	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	14780	1.054	ug/L	97
3) Chloromethane	1.240	50	17711	1.273	ug/L	98
5) Vinyl chloride	1.311	62	19147	1.290	ug/L	98
6) Bromomethane	1.523	94	11473	1.224	ug/L	98
8) Chloroethane	1.587	64	12599	1.381	ug/L	99
9) Trichlorofluoromethane	1.754	101	25807	1.270	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	15185	1.370	ug/L	98
12) 1,1-Dichloroethene	2.118	96	14204	1.300	ug/L #	87
13) Acetone	2.240	43	10591m	10.642	ug/L	
14) Carbon disulfide	2.294	76	29209	0.843	ug/L	99
15) Methyl Acetate	2.455	43	2232	0.832	ug/L #	88
16) Methylene chloride	2.510	84	11968	1.008	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	17990	0.855	ug/L #	94
18) trans-1,2-Dichloroethene	2.764	96	10617	0.908	ug/L	96
19) 1,1-Dichloroethane	3.191	63	17570	0.885	ug/L	99
21) 2-Butanone	4.031	43	13924m	9.117	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	10078	0.858	ug/L	95
23) Bromochloromethane	4.265	128	4222	0.889	ug/L	90
25) Chloroform	4.381	83	20063	0.959	ug/L	99
27) 1,2-Dichloroethane	5.140	62	10400	0.990	ug/L #	91
29) 1,1,1-Trichloroethane	4.609	97	16662	0.887	ug/L	97
30) Cyclohexane	4.683	56	14091	0.786	ug/L	99
31) Carbon tetrachloride	4.828	117	13891	0.861	ug/L	100
33) Benzene	5.105	78	39886	0.840	ug/L	100
34) Trichloroethene	5.921	95	11181	0.885	ug/L	95
35) Methylcyclohexane	6.130	83	16173	0.814	ug/L	98
37) 1,2-Dichloropropane	6.178	63	9717	0.893	ug/L #	96
38) Bromodichloromethane	6.516	83	11307	0.820	ug/L	91
39) cis-1,3-Dichloropropene	7.037	75	10386	0.696	ug/L	91
40) 4-Methyl-2-pentanone	7.233	43	33709	7.631	ug/L	98
42) Toluene	7.391	91	41051	0.822	ug/L	98
44) trans-1,3-Dichloropropene	7.658	75	8270	0.708	ug/L	85

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

45) 1,1,2-Trichloroethane	7.847	97	6472	0.885	ug/L	94
47) Tetrachloroethene	7.976	164	8063	0.887	ug/L	94
48) 2-Hexanone	8.149	43	23166	7.336	ug/L	99
49) Dibromochloromethane	8.246	129	6421	0.793	ug/L	86
50) 1,2-Dibromoethane	8.358	107	5876	0.877	ug/L #	87
51) Chlorobenzene	8.883	112	27215	0.867	ug/L	96
52) Ethylbenzene	9.014	91	41656	0.790	ug/L	99
53) m,p-Xylene	9.140	106	16020	0.790	ug/L	92
54) o-Xylene	9.545	106	14710	0.756	ug/L	98
55) Styrene	9.564	104	23791	0.749	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.243	83	6909	0.959	ug/L	100
59) Bromoform	9.735	173	2437	0.694	ug/L #	90
60) Isopropylbenzene	9.931	105	39294	0.777	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	5274	0.928	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	17269	0.759	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	29056	0.718	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	20418	0.919	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	19952	0.890	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	17536	0.887	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.432	75	905	0.931	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.644	180	14097	0.894	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	10363	0.849	ug/L	97
71) Naphthalene	13.503	128	15391	0.766	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	8566	0.827	ug/L	98

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

