

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025191.D
 Acq On : 26 Mar 2022 11:58
 Operator : SY/MD
 Sample : VSTD0.525
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5225

Manual Integrations
 APPROVED

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

Quant Time: Mar 28 01:12:53 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	5.616	114	150805	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142503	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	6953	0.559	ug/L	0.00
7) Chloroethane-d5	1.568	69	6116	0.650	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	14824	0.693	ug/L	0.00
20) 2-Butanone-d5	3.998	46	5972m	4.147	ug/L	0.09
24) Chloroform-d	4.352	84	8672	0.441	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	3922	0.470	ug/L	0.00
32) Benzene-d6	5.053	84	17004	0.418	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	4835	0.414	ug/L	0.00
41) Toluene-d8	7.320	98	13986	0.376	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	1137	0.285	ug/L	0.01
46) 2-Hexanone-d5	8.104	63	4286m	3.117	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3073	0.442	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5292	0.465	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	7034	0.508	ug/L	96
3) Chloromethane	1.240	50	8565	0.623	ug/L	95
5) Vinyl chloride	1.310	62	9864	0.673	ug/L	96
6) Bromomethane	1.523	94	5614	0.606	ug/L	95
8) Chloroethane	1.584	64	5940	0.659	ug/L	86
9) Trichlorofluoromethane	1.754	101	12322	0.614	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	7731	0.706	ug/L	96
12) 1,1-Dichloroethene	2.117	96	6839	0.633	ug/L #	75
13) Acetone	2.204	43	5977m	6.078	ug/L	
14) Carbon disulfide	2.294	76	12894	0.377	ug/L	98
15) Methyl Acetate	2.458	43	1006m	0.380	ug/L	
16) Methylene chloride	2.510	84	7400	0.631	ug/L	97
17) Methyl tert-butyl Ether	2.777	73	8519	0.410	ug/L	96
18) trans-1,2-Dichloroethene	2.767	96	4876	0.422	ug/L	92
19) 1,1-Dichloroethane	3.191	63	8447	0.430	ug/L	97
21) 2-Butanone	4.063	43	6115m	4.052	ug/L	
22) cis-1,2-Dichloroethene	3.924	96	5275	0.455	ug/L	80
23) Bromochloromethane	4.256	128	2097	0.447	ug/L #	85
25) Chloroform	4.378	83	9401	0.455	ug/L	97
27) 1,2-Dichloroethane	5.143	62	4907	0.473	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	7679	0.423	ug/L #	66
30) Cyclohexane	4.677	56	6669	0.384	ug/L #	92
31) Carbon tetrachloride	4.828	117	6671	0.427	ug/L	98
33) Benzene	5.104	78	18455	0.402	ug/L	100
34) Trichloroethene	5.918	95	5477	0.448	ug/L	97
35) Methylcyclohexane	6.127	83	8062	0.419	ug/L	98
37) 1,2-Dichloropropane	6.182	63	4367	0.415	ug/L #	86
38) Bromodichloromethane	6.513	83	5708	0.428	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	5140	0.356	ug/L	90
40) 4-Methyl-2-pentanone	7.236	43	15904	3.720	ug/L #	94
42) Toluene	7.394	91	17970	0.372	ug/L	98
44) trans-1,3-Dichloropropene	7.667	75	3628	0.321	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	2787	0.394	ug/L #	80
47) Tetrachloroethene	7.976	164	3593	0.409	ug/L	77
49) Dibromochloromethane	8.246	129	2913	0.372	ug/L	85
50) 1,2-Dibromoethane	8.355	107	2799	0.432	ug/L #	87
51) Chlorobenzene	8.882	112	13045	0.430	ug/L	97
52) Ethylbenzene	9.014	91	19223	0.377	ug/L	93
53) m,p-Xylene	9.140	106	7204	0.367	ug/L	92
54) o-Xylene	9.542	106	6872	0.365	ug/L	97
55) Styrene	9.564	104	10535	0.343	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	3055	0.438	ug/L #	95
59) Bromoform	9.735	173	1019	0.292	ug/L #	84
60) Isopropylbenzene	9.931	105	18449	0.367	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	2381	0.422	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.538	105	8520	0.377	ug/L	94
63) 1,2,4-Trimethylbenzene	10.915	105	13680	0.341	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	9141	0.414	ug/L	95
65) 1,4-Dichlorobenzene	11.275	146	9719	0.437	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.432	75	405	0.420	ug/L #	66
69) 1,3,5-Trichlorobenzene	12.648	180	6814	0.435	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	4629	0.382	ug/L	96
71) Naphthalene	13.506	128	6996	0.351	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	4455	0.433	ug/L	94

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

