

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024990.D
 Acq On : 15 Mar 2022 11:29
 Operator : SY/MD
 Sample : VSTD0.519
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5219

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 03:01:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 02:55:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	168231	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	154505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	68235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	7018	0.528	ug/L	0.00
7) Chloroethane-d5	1.568	69	5039	0.518	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	10826	0.504	ug/L	0.00
20) 2-Butanone-d5	3.966	46	5778m	4.108	ug/L	0.07
24) Chloroform-d	4.349	84	10773	0.489	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	4519	0.491	ug/L	0.00
32) Benzene-d6	5.053	84	21471	0.479	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	6631	0.514	ug/L	0.00
41) Toluene-d8	7.317	98	19717	0.483	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	1955	0.435	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	5774m	3.768	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3563	0.470	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5747	0.498	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	7532	0.507	ug/L	99
3) Chloromethane	1.243	50	7598	0.542	ug/L	96
5) Vinyl chloride	1.310	62	7729	0.523	ug/L	96
6) Bromomethane	1.523	94	4969	0.520	ug/L	92
8) Chloroethane	1.587	64	4622	0.515	ug/L	98
9) Trichlorofluoromethane	1.754	101	10320	0.513	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	5653	0.518	ug/L	99
12) 1,1-Dichloroethene	2.118	96	5639	0.526	ug/L	88
13) Acetone	2.185	43	5467m	5.858	ug/L	
14) Carbon disulfide	2.294	76	18777	0.490	ug/L	98
15) Methyl Acetate	2.445	43	1233m	0.395	ug/L	
16) Methylene chloride	2.507	84	7073	0.545	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	10784	0.462	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	6103	0.473	ug/L	97
19) 1,1-Dichloroethane	3.191	63	10502	0.478	ug/L	97
21) 2-Butanone	4.040	43	6102m	4.011	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	5899	0.453	ug/L	95
23) Bromochloromethane	4.252	128	2294	0.447	ug/L	95
25) Chloroform	4.375	83	11315	0.495	ug/L	99
27) 1,2-Dichloroethane	5.140	62	5319	0.468	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	9581	0.486	ug/L	98
30) Cyclohexane	4.674	56	9308	0.486	ug/L	97
31) Carbon tetrachloride	4.825	117	8034	0.475	ug/L	99
33) Benzene	5.101	78	24489	0.487	ug/L	100
34) Trichloroethene	5.921	95	6340	0.474	ug/L	95
35) Methylcyclohexane	6.127	83	10088	0.476	ug/L	97
37) 1,2-Dichloropropane	6.175	63	5620	0.487	ug/L	100
38) Bromodichloromethane	6.513	83	6894	0.472	ug/L	97
39) cis-1,3-Dichloropropene	7.034	75	6642	0.414	ug/L	94
40) 4-Methyl-2-pentanone	7.230	43	21175m	4.456	ug/L	
42) Toluene	7.391	91	23934	0.455	ug/L	95
44) trans-1,3-Dichloropropene	7.657	75	5253	0.416	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	3732	0.484	ug/L	92
47) Tetrachloroethene	7.976	164	4721	0.502	ug/L	95
48) 2-Hexanone	8.146	43	15424m	4.578	ug/L	
49) Dibromochloromethane	8.246	129	3589	0.416	ug/L	97
50) 1,2-Dibromoethane	8.355	107	3324	0.471	ug/L #	98
51) Chlorobenzene	8.883	112	16143	0.490	ug/L	98
52) Ethylbenzene	9.011	91	25449	0.457	ug/L	100
53) m,p-xylene	9.136	106	9552	0.446	ug/L	99
54) o-xylene	9.542	106	9388	0.458	ug/L	97
55) Styrene	9.564	104	14083	0.422	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	3316	0.439	ug/L	100
59) Bromoform	9.731	173	1736	0.472	ug/L #	88
60) Isopropylbenzene	9.931	105	24388	0.474	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	3047	0.531	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	10654	0.456	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	17681	0.428	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	10980	0.492	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	11489	0.511	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	9650	0.488	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	426	0.433	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.644	180	7733	0.490	ug/L	95
70) 1,2,4-trichlorobenzene	13.262	180	5617	0.457	ug/L	93
71) Naphthalene	13.506	128	9522	0.467	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	4875	0.468	ug/L	99

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

