

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW024991.D
 Acq On : 15 Mar 2022 12:01
 Operator : SY/MD
 Sample : VSTD00120
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001220

Manual Integrations
 APPROVED

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

Quant Time: Mar 16 02:55:57 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	5.612	114	224044	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	209895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	18466	1.044	ug/L	0.00
7) Chloroethane-d5	1.568	69	13312	1.028	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	29449	1.030	ug/L	0.00
20) 2-Butanone-d5	3.918	46	19119m	10.207	ug/L	0.02
24) Chloroform-d	4.349	84	30267	1.032	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	12996	1.060	ug/L	0.00
32) Benzene-d6	5.050	84	62054	1.019	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	17304	0.988	ug/L	0.00
41) Toluene-d8	7.317	98	55070	0.992	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	5612	0.919	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	18687	8.976	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	10704	1.039	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	16344	1.017	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	18277	0.923	ug/L	94
3) Chloromethane	1.243	50	18282	0.979	ug/L	97
5) Vinyl chloride	1.310	62	18685	0.949	ug/L	94
6) Bromomethane	1.523	94	12508	0.983	ug/L	99
8) Chloroethane	1.587	64	11732	0.982	ug/L	98
9) Trichlorofluoromethane	1.754	101	25838	0.964	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	13364	0.920	ug/L	96
12) 1,1-Dichloroethene	2.117	96	13390	0.938	ug/L	84
13) Acetone	2.188	43	13063m	10.510	ug/L	
14) Carbon disulfide	2.294	76	47669	0.933	ug/L	99
15) Methyl Acetate	2.442	43	3377	0.813	ug/L #	86
16) Methylene chloride	2.510	84	17257	0.998	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	29189	0.939	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	16241	0.946	ug/L	99
19) 1,1-Dichloroethane	3.191	63	28594	0.978	ug/L	99
21) 2-Butanone	4.002	43	19448m	9.600	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	16012	0.923	ug/L	91
23) Bromochloromethane	4.252	128	6511	0.952	ug/L	95
25) Chloroform	4.375	83	29430	0.967	ug/L	97
27) 1,2-Dichloroethane	5.133	62	15005	0.991	ug/L #	93
29) 1,1,1-Trichloroethane	4.606	97	24219	0.905	ug/L	96
30) Cyclohexane	4.677	56	22075	0.848	ug/L	97
31) Carbon tetrachloride	4.828	117	20748	0.903	ug/L	97
33) Benzene	5.098	78	63521	0.930	ug/L	100
34) Trichloroethene	5.915	95	16861	0.928	ug/L	97
35) Methylcyclohexane	6.130	83	23781	0.826	ug/L	98
37) 1,2-Dichloropropane	6.172	63	13841	0.882	ug/L #	94
38) Bromodichloromethane	6.510	83	18319	0.923	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	19022	0.873	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	55615	8.615	ug/L	96
42) Toluene	7.387	91	66043	0.924	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	14621	0.853	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	9606	0.917	ug/L	97
47) Tetrachloroethene	7.973	164	11637	0.910	ug/L	95
48) 2-Hexanone	8.143	43	41940	9.164	ug/L	94
49) Dibromochloromethane	8.246	129	10933	0.932	ug/L	98
50) 1,2-Dibromoethane	8.352	107	8919	0.930	ug/L	99
51) Chlorobenzene	8.879	112	41380	0.925	ug/L	96
52) Ethylbenzene	9.011	91	67267	0.890	ug/L	98
53) m,p-xylene	9.140	106	25737	0.884	ug/L	100
54) o-xylene	9.542	106	23490	0.844	ug/L	89
55) Styrene	9.561	104	38458	0.848	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	9672	0.941	ug/L	94
59) Bromoform	9.731	173	4662	0.911	ug/L	98
60) Isopropylbenzene	9.931	105	63495	0.886	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	7572	0.948	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	27604	0.849	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	47947	0.833	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	27787	0.894	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	29601	0.945	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	26142	0.950	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	1179	0.861	ug/L	85
69) 1,3,5-Trichlorobenzene	12.644	180	18876	0.860	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	14886	0.871	ug/L	99
71) Naphthalene	13.503	128	23381	0.823	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	12598	0.870	ug/L	99

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

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