

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
 Data File : VW027740.D
 Acq On : 06 Sep 2022 13:45
 Operator : SY/MD
 Sample : VSTD0.527
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5227

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 07 05:15:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.600	114	180205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	147875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	4948	0.278	ug/L	0.00
7) Chloroethane-d5	1.558	69	4326	0.287	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	10721	0.296	ug/L	0.00
20) 2-Butanone-d5	3.976	46	12043m	3.674	ug/L	0.03
24) Chloroform-d	4.352	84	9919	0.271	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.021	65	6430	0.384	ug/L	0.00
32) Benzene-d6	5.034	84	19509	0.336	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	5939	0.325	ug/L	0.00
41) Toluene-d8	7.333	98	14342	0.288	ug/L	0.03
43) trans-1,3-Dichloroprop...	7.648	79	1767	0.320	ug/L	0.03
46) 2-Hexanone-d5	8.124	63	5345	2.586	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.220	84	3483	0.304	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5700	0.382	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	7618	0.333	ug/L	100
3) Chloromethane	1.230	50	6975	0.320	ug/L	92
5) Vinyl chloride	1.301	62	6705	0.321	ug/L	84
6) Bromomethane	1.513	94	3990	0.398	ug/L	92
8) Chloroethane	1.574	64	3782	0.319	ug/L	97
9) Trichlorofluoromethane	1.741	101	10818	0.372	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	5575	0.355	ug/L	96
12) 1,1-Dichloroethene	2.108	96	5128	0.352	ug/L	92
13) Acetone	2.236	43	10281	4.652	ug/L	67
14) Carbon disulfide	2.278	76	16356	0.358	ug/L	97
15) Methyl Acetate	2.445	43	2153m	0.359	ug/L	
16) Methylene chloride	2.497	84	11197	0.626	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	12600	0.398	ug/L	97
18) trans-1,2-Dichloroethene	2.744	96	5450	0.338	ug/L	92
19) 1,1-Dichloroethane	3.178	63	10439	0.331	ug/L	90
21) 2-Butanone	4.050	43	14326m	4.756	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	6116	0.370	ug/L #	87
23) Bromochloromethane	4.249	128	2375	0.332	ug/L	90
25) Chloroform	4.378	83	11602	0.346	ug/L	95
27) 1,2-Dichloroethane	5.124	62	7028	0.375	ug/L #	89
29) 1,1,1-Trichloroethane	4.600	97	10246	0.403	ug/L	97
30) Cyclohexane	4.654	56	9205	0.429	ug/L	90
31) Carbon tetrachloride	4.809	117	8655	0.398	ug/L	95
33) Benzene	5.079	78	22905	0.408	ug/L	100
34) Trichloroethene	5.895	95	5791	0.410	ug/L	94
35) Methylcyclohexane	6.111	83	7561	0.345	ug/L	94
37) 1,2-Dichloropropane	6.172	63	5404	0.377	ug/L	99
38) Bromodichloromethane	6.529	83	6998	0.386	ug/L	96
39) cis-1,3-Dichloropropene	7.050	75	6097	0.354	ug/L	86
40) 4-Methyl-2-pentanone	7.265	43	22103	3.565	ug/L	95
42) Toluene	7.407	91	19123	0.343	ug/L	90
44) trans-1,3-Dichloropropene	7.673	75	4884	0.348	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.860	97	3137	0.345	ug/L	96
47) Tetrachloroethene	7.985	164	4466	0.396	ug/L	92
49) Dibromochloromethane	8.259	129	4292	0.395	ug/L	95
50) 1,2-Dibromoethane	8.365	107	2895	0.354	ug/L #	79
51) Chlorobenzene	8.892	112	13692	0.386	ug/L	98
52) Ethylbenzene	9.021	91	20027	0.352	ug/L	95
53) m,p-Xylene	9.143	106	7622	0.346	ug/L	87
54) o-Xylene	9.548	106	7036	0.335	ug/L	90
55) Styrene	9.567	104	11419	0.319	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	3643	0.364	ug/L	98
59) Bromoform	9.734	173	2045	0.424	ug/L #	92
60) Isopropylbenzene	9.934	105	18805	0.366	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	2852	0.426	ug/L	95
62) 1,3,5-Trimethylbenzene	10.542	105	5370	0.378	ug/L	93
63) 1,2,4-Trimethylbenzene	10.914	105	14606	0.362	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	10275	0.416	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	10796	0.438	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	533	0.396	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	7705	0.430	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	6809	0.511	ug/L	94
71) Naphthalene	13.503	128	13307	0.636	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	6086	0.506	ug/L	98

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

