

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028269.D
 Acq On : 03 Oct 2022 10:26
 Operator : SY/MD
 Sample : VSTD0.552
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5252

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/04/2022
 Supervised By :Mahesh Dadoda 10/04/2022

Quant Time: Oct 04 02:06:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 03 12:31:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	185362	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	182969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	91736	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	6680	0.348	ug/L	0.00
7) Chloroethane-d5	1.565	69	5808	0.380	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.102	63	12129	0.364	ug/L	0.00
20) 2-Butanone-d5	3.941	46	9280m	2.860	ug/L	0.05
24) Chloroform-d	4.343	84	10282	0.335	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	5271	0.361	ug/L	0.00
32) Benzene-d6	5.043	84	21372	0.356	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	6533	0.349	ug/L	0.00
41) Toluene-d8	7.314	98	19493	0.359	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	2237	0.331	ug/L	0.00
46) 2-Hexanone-d5	8.095	63	8236	2.921	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.211	84	4925	0.385	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	7776	0.432	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	6566	0.474	ug/L	95
3) Chloromethane	1.237	50	6494	0.354	ug/L	97
5) Vinyl chloride	1.304	62	6714	0.467	ug/L	89
6) Bromomethane	1.516	94	3659	0.391	ug/L	99
8) Chloroethane	1.577	64	4537m	0.471	ug/L	
9) Trichlorofluoromethane	1.748	101	9930	0.435	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5767	0.438	ug/L	96
12) 1,1-Dichloroethene	2.111	96	5596	0.437	ug/L	72
13) Acetone	2.195	43	6084m	2.435	ug/L	
14) Carbon disulfide	2.285	76	19046	0.775	ug/L	99
15) Methyl Acetate	2.436	43	1748m	0.360	ug/L	
16) Methylene chloride	2.500	84	7471	0.522	ug/L	92
17) Methyl tert-butyl Ether	2.764	73	10685	0.388	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	5759	0.514	ug/L	92
19) 1,1-Dichloroethane	3.185	63	9222	0.377	ug/L	96
21) 2-Butanone	4.021	43	8182m	2.645	ug/L	
22) cis-1,2-Dichloroethene	3.909	96	5494	0.373	ug/L	86
23) Bromochloromethane	4.246	128	2458	0.417	ug/L #	77
25) Chloroform	4.368	83	11034	0.420	ug/L	97
27) 1,2-Dichloroethane	5.134	62	5655	0.404	ug/L	97
29) 1,1,1-Trichloroethane	4.597	97	9611	0.428	ug/L	95
30) Cyclohexane	4.667	56	7120	0.438	ug/L	85
31) Carbon tetrachloride	4.815	117	8604	0.465	ug/L	100
33) Benzene	5.095	78	22331	0.440	ug/L	100
34) Trichloroethene	5.912	95	5728	0.453	ug/L	91
35) Methylcyclohexane	6.121	83	8599	0.496	ug/L	90
37) 1,2-Dichloropropane	6.169	63	5462	0.383	ug/L	98
38) Bromodichloromethane	6.506	83	7743	0.440	ug/L #	99
39) cis-1,3-Dichloropropene	7.027	75	6598	0.373	ug/L	94
40) 4-Methyl-2-pentanone	7.227	43	21293	3.078	ug/L #	94
42) Toluene	7.384	91	21750	0.410	ug/L	97
44) trans-1,3-Dichloropropene	7.658	75	6252	0.411	ug/L	93

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

45) 1,1,2-Trichloroethane	7.841	97	4079	0.427	ug/L	92
47) Tetrachloroethene	7.973	164	4888	0.484	ug/L	82
48) 2-Hexanone	8.146	43	13015	2.479	ug/L #	95
49) Dibromochloromethane	8.243	129	5000	0.436	ug/L	87
50) 1,2-Dibromoethane	8.352	107	3425	0.413	ug/L #	92
51) Chlorobenzene	8.876	112	16169	0.455	ug/L	93
52) Ethylbenzene	9.008	91	22024	0.393	ug/L	95
53) m,p-Xylene	9.140	106	8501	0.396	ug/L	95
54) o-Xylene	9.542	106	8243	0.388	ug/L	90
55) Styrene	9.561	104	13428	0.365	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.239	83	4195	0.377	ug/L #	90
59) Bromoform	9.728	173	2851	0.489	ug/L	98
60) Isopropylbenzene	9.928	105	21743	0.404	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	2968	0.386	ug/L	92
62) 1,3,5-Trimethylbenzene	10.535	105	6261	0.413	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	17120	0.404	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	11273	0.421	ug/L	95
65) 1,4-Dichlorobenzene	11.268	146	12047	0.449	ug/L	94
67) 1,2-Dichlorobenzene	11.641	146	10622	0.420	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.423	75	691	0.410	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.641	180	9313	0.439	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	6615	0.390	ug/L	86
71) Naphthalene	13.503	128	12597	0.454	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	6390	0.417	ug/L	97

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

