

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102522\
 Data File : VW028679.D
 Acq On : 25 Oct 2022 10:36
 Operator : SY/MD
 Sample : VSTD0.570
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5270

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 27 04:35:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 04:33:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	210399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	193336	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	90193	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	7108	0.369	ug/L	0.00
7) Chloroethane-d5	1.564	69	5883	0.381	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.105	63	14079	0.413	ug/L	-0.01
20) 2-Butanone-d5	3.966	46	10598m	2.696	ug/L	0.00
24) Chloroform-d	4.342	84	11364	0.380	ug/L	-0.01
26) 1,2-Dichloroethane-d4	5.037	65	4927	0.300	ug/L	0.00
32) Benzene-d6	5.047	84	19890	0.253	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	6564	0.274	ug/L	0.00
41) Toluene-d8	7.313	98	17092	0.300	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	2530	0.402	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	7972	3.027	ug/L	-0.01
56) 1,1,2,2-Tetrachloroeth...	10.210	84	4678	0.384	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	5759	0.372	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	4746	0.487	ug/L	100
3) Chloromethane	1.236	50	8631	0.447	ug/L	88
5) Vinyl chloride	1.307	62	8090	0.435	ug/L	94
6) Bromomethane	1.519	94	4450	0.490	ug/L	85
8) Chloroethane	1.581	64	6673	0.533	ug/L	94
9) Trichlorofluoromethane	1.748	101	11532	0.499	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7206	0.529	ug/L	94
12) 1,1-Dichloroethene	2.111	96	6111	0.474	ug/L	87
13) Acetone	2.198	43	9400m	3.811	ug/L	
14) Carbon disulfide	2.288	76	14047	0.453	ug/L	100
15) Methyl Acetate	2.445	43	2362m	0.321	ug/L	
16) Methylene chloride	2.500	84	11115	0.596	ug/L	91
17) Methyl tert-butyl Ether	2.761	73	12968	0.363	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	5865	0.418	ug/L	92
19) 1,1-Dichloroethane	3.182	63	12886	0.389	ug/L	98
21) 2-Butanone	4.034	43	10658m	2.439	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	6770	0.416	ug/L #	91
23) Bromochloromethane	4.246	128	2581	0.432	ug/L	84
25) Chloroform	4.371	83	13515	0.429	ug/L	98
27) 1,2-Dichloroethane	5.133	62	6866	0.344	ug/L #	86
29) 1,1,1-Trichloroethane	4.600	97	10015	0.315	ug/L	96
30) Cyclohexane	4.664	56	10607	0.312	ug/L	93
31) Carbon tetrachloride	4.818	117	8602	0.364	ug/L	95
33) Benzene	5.095	78	23955	0.282	ug/L	100
34) Trichloroethene	5.915	95	6552	0.338	ug/L	90
35) Methylcyclohexane	6.124	83	9429	0.327	ug/L	96
37) 1,2-Dichloropropane	6.172	63	6273	0.286	ug/L	98
38) Bromodichloromethane	6.506	83	8459	0.390	ug/L #	99
39) cis-1,3-Dichloropropene	7.030	75	6994	0.298	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	37122	3.343	ug/L	98
42) Toluene	7.387	91	25351	0.358	ug/L	93
44) trans-1,3-Dichloropropene	7.654	75	6449	0.375	ug/L	96

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45) 1,1,2-Trichloroethane	7.834	97	4356	0.397	ug/L	88
47) Tetrachloroethene	7.969	164	4207	0.394	ug/L	94
48) 2-Hexanone	8.149	43	27838m	3.923	ug/L	
49) Dibromochloromethane	8.243	129	4396	0.429	ug/L	93
50) 1,2-Dibromoethane	8.352	107	3804	0.407	ug/L #	95
51) Chlorobenzene	8.879	112	16420	0.395	ug/L	92
52) Ethylbenzene	9.008	91	27996	0.380	ug/L	93
53) m,p-Xylene	9.133	106	10123	0.380	ug/L	97
54) o-Xylene	9.542	106	9970	0.374	ug/L	97
55) Styrene	9.558	104	16030	0.353	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.236	83	5291	0.410	ug/L	99
59) Bromoform	9.728	173	2399	0.548	ug/L #	93
60) Isopropylbenzene	9.924	105	25995	0.362	ug/L #	95
61) 1,2,3-Trichloropropane	10.275	75	4124	0.440	ug/L #	90
62) 1,3,5-Trimethylbenzene	10.532	105	8335	0.402	ug/L	94
63) 1,2,4-Trimethylbenzene	10.908	105	21401	0.385	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	11859	0.415	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	12709	0.443	ug/L	96
67) 1,2-Dichlorobenzene	11.638	146	10930	0.413	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.429	75	943	0.561	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.638	180	9614	0.471	ug/L	97
70) 1,2,4-trichlorobenzene	13.255	180	6990	0.436	ug/L	93
71) Naphthalene	13.500	128	14461	0.530	ug/L	98
72) 1,2,3-Trichlorobenzene	13.734	180	6222	0.443	ug/L	97

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

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