

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VV028876.D
 Acq On : 11 Nov 2022 14:43
 Operator : SY/MD
 Sample : VSTD01080
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010280

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/14/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 11 21:56:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 21:54:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	307337	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	270531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	148089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	201199	10.738	ug/L	0.00
7) Chloroethane-d5	1.564	69	179660	10.907	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	369889	10.833	ug/L	0.00
20) 2-Butanone-d5	3.886	46	338053m	108.794	ug/L	0.00
24) Chloroform-d	4.339	84	420193	10.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	185187	10.700	ug/L	0.00
32) Benzene-d6	5.043	84	906998	11.232	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	253041	11.222	ug/L	0.00
41) Toluene-d8	7.310	98	805860	11.086	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	85453	11.620	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	367237	118.273	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	172403	11.028	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	289533	10.928	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	267818	10.454	ug/L	99
3) Chloromethane	1.236	50	219413	10.319	ug/L	99
5) Vinyl chloride	1.307	62	251498	10.369	ug/L	99
6) Bromomethane	1.519	94	152822	10.542	ug/L	97
8) Chloroethane	1.584	64	142764	10.017	ug/L	98
9) Trichlorofluoromethane	1.751	101	339562	10.383	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	192094	10.375	ug/L	99
12) 1,1-Dichloroethene	2.114	96	193262	10.388	ug/L	93
13) Acetone	2.182	43	176891m	87.670	ug/L	
14) Carbon disulfide	2.291	76	683996	10.353	ug/L	100
15) Methyl Acetate	2.436	43	48909	9.989	ug/L	99
16) Methylene chloride	2.503	84	217288	9.032	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	424696	10.647	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	225671	10.458	ug/L	95
19) 1,1-Dichloroethane	3.182	63	369979	10.488	ug/L	99
21) 2-Butanone	3.969	43	319448m	104.482	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	235486	10.734	ug/L	98
23) Bromochloromethane	4.239	128	95043	10.244	ug/L	91
25) Chloroform	4.365	83	388559	10.507	ug/L	95
27) 1,2-Dichloroethane	5.124	62	202959	10.656	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	340632	10.730	ug/L	98
30) Cyclohexane	4.670	56	353763	10.965	ug/L	99
31) Carbon tetrachloride	4.821	117	290493	10.626	ug/L	99
33) Benzene	5.095	78	889966	10.765	ug/L	100
34) Trichloroethene	5.908	95	228231	10.784	ug/L	98
35) Methylcyclohexane	6.127	83	403174	10.839	ug/L	99
37) 1,2-Dichloropropane	6.169	63	205484	10.779	ug/L	99
38) Bromodichloromethane	6.503	83	258626	10.712	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	301131	11.315	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	881471	107.666	ug/L	98
42) Toluene	7.381	91	928712	10.399	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	229859	11.125	ug/L	99

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45) 1,1,2-Trichloroethane	7.834	97	132373	10.607	ug/L	97
47) Tetrachloroethene	7.969	164	179901	10.616	ug/L	99
48) 2-Hexanone	8.133	43	629707	110.351	ug/L	98
49) Dibromochloromethane	8.239	129	161634	10.713	ug/L	98
50) 1,2-Dibromoethane	8.345	107	124498	10.738	ug/L	99
51) Chlorobenzene	8.873	112	585895	10.610	ug/L	99
52) Ethylbenzene	9.005	91	1002061	10.777	ug/L	100
53) m,p-Xylene	9.130	106	395270	10.689	ug/L	99
54) o-Xylene	9.535	106	380249	10.817	ug/L	98
55) Styrene	9.554	104	654937	11.108	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	153139	10.528	ug/L	99
59) Bromoform	9.725	173	86692	10.738	ug/L	100
60) Isopropylbenzene	9.924	105	1027481	10.690	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	105916	10.466	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	886637	10.888	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	887499	10.880	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	481302	10.657	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	473274	10.424	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	431464	10.633	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	22348	11.223	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	373960	10.732	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	300975	11.420	ug/L	98
71) Naphthalene	13.493	128	400697	11.783	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	253335	11.349	ug/L	98

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

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