

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
 Data File : VV026169.D
 Acq On : 12 Jun 2022 17:33
 Operator : SY/MD
 Sample : VSTD0.561
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5261

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Jun 13 02:28:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:27:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	179588	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	167871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	13131	0.559	ug/L	0.00
7) Chloroethane-d5	1.580	69	11020	0.596	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	22401	0.593	ug/L	0.00
20) 2-Butanone-d5	3.953	46	8332	4.762	ug/L	0.04
24) Chloroform-d	4.368	84	18656	0.560	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.053	65	7387	0.550	ug/L	0.01
32) Benzene-d6	5.063	84	34141	0.522	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	10459	0.554	ug/L	0.00
41) Toluene-d8	7.320	98	28491	0.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	2707	0.475	ug/L	0.01
46) 2-Hexanone-d5	8.104	63	7164	4.039	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.220	84	6232	0.554	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	8819	0.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	10104	0.612	ug/L	94
3) Chloromethane	1.256	50	10850	0.606	ug/L	94
5) Vinyl chloride	1.326	62	11160	0.595	ug/L	98
6) Bromomethane	1.535	94	6905	0.630	ug/L	99
8) Chloroethane	1.597	64	6918	0.591	ug/L	93
9) Trichlorofluoromethane	1.764	101	15706	0.621	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	8653	0.603	ug/L	98
12) 1,1-Dichloroethene	2.130	96	8567	0.624	ug/L	82
13) Acetone	2.211	43	6351	6.349	ug/L	95
14) Carbon disulfide	2.301	76	21869	0.627	ug/L	98
15) Methyl Acetate	2.455	43	1814m	0.621	ug/L	
16) Methylene chloride	2.516	84	9439	0.667	ug/L	91
17) Methyl tert-butyl Ether	2.789	73	12986	0.582	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	7806	0.593	ug/L	98
19) 1,1-Dichloroethane	3.201	63	15235	0.603	ug/L	96
21) 2-Butanone	4.037	43	7142m	5.143	ug/L	
22) cis-1,2-Dichloroethene	3.928	96	7582	0.572	ug/L	98
23) Bromochloromethane	4.259	128	3283	0.594	ug/L	88
25) Chloroform	4.387	83	15844	0.600	ug/L	97
27) 1,2-Dichloroethane	5.149	62	7082	0.577	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	13011	0.591	ug/L	99
30) Cyclohexane	4.680	56	8935	0.530	ug/L	96
31) Carbon tetrachloride	4.834	117	10452	0.588	ug/L	97
33) Benzene	5.111	78	26389	0.520	ug/L	100
34) Trichloroethene	5.921	95	8292	0.605	ug/L	97
35) Methylcyclohexane	6.133	83	10264	0.554	ug/L	91
37) 1,2-Dichloropropane	6.182	63	7794	0.593	ug/L #	96
38) Bromodichloromethane	6.516	83	8781	0.561	ug/L	98
39) cis-1,3-Dichloropropene	7.040	75	7310	0.498	ug/L	99
40) 4-Methyl-2-pentanone	7.239	43	22679	4.819	ug/L	93
42) Toluene	7.394	91	27522	0.512	ug/L	99
44) trans-1,3-Dichloropropene	7.664	75	5223	0.453	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
45) 1,1,2-Trichloroethane	7.847	97	4735	0.572	ug/L	96	06/15/2022
47) Tetrachloroethene	7.976	164	5816	0.591	ug/L	97	Supervised By :Mahesh Dadoda
48) 2-Hexanone	8.153	43	14728m	4.436	ug/L		
49) Dibromochloromethane	8.249	129	4923	0.545	ug/L	93	
50) 1,2-Dibromoethane	8.358	107	3483	0.492	ug/L #	89	
51) Chlorobenzene	8.882	112	19231	0.556	ug/L	99	
52) Ethylbenzene	9.014	91	26130	0.490	ug/L	96	06/15/2022
53) m,p-Xylene	9.140	106	9852	0.483	ug/L	93	
54) o-Xylene	9.545	106	9707	0.492	ug/L	95	
55) Styrene	9.567	104	14393	0.442	ug/L	94	
57) 1,1,2,2-Tetrachloroethane	10.243	83	4589	0.547	ug/L	96	
59) Bromoform	9.734	173	1883	0.549	ug/L #	93	
60) Isopropylbenzene	9.931	105	24516	0.525	ug/L	99	
61) 1,2,3-Trichloropropane	10.275	75	3358	0.613	ug/L	97	
62) 1,3,5-Trimethylbenzene	10.538	105	18986	0.516	ug/L	99	
63) 1,2,4-Trimethylbenzene	10.915	105	18648	0.515	ug/L	98	
64) 1,3-Dichlorobenzene	11.185	146	12617	0.567	ug/L	95	
65) 1,4-Dichlorobenzene	11.275	146	12753	0.578	ug/L	99	
67) 1,2-Dichlorobenzene	11.641	146	11344	0.569	ug/L	98	
68) 1,2-Dibromo-3-chloropr...	12.432	75	531	0.553	ug/L	96	
69) 1,3,5-Trichlorobenzene	12.648	180	9027	0.577	ug/L	97	
70) 1,2,4-trichlorobenzene	13.262	180	6622	0.588	ug/L	93	
71) Naphthalene	13.506	128	8265	0.525	ug/L	98	
72) 1,2,3-Trichlorobenzene	13.744	180	4858	0.523	ug/L	95	

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

