

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
 Data File : VV026171.D
 Acq On : 12 Jun 2022 18:20
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005263

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

Quant Time: Jun 13 02:29:20 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	5.625	114	176630	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	165748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81851	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	125043	5.413	ug/L	0.00
7) Chloroethane-d5	1.584	69	97267	5.346	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.124	63	192826	5.192	ug/L	0.00
20) 2-Butanone-d5	3.915	46	83675	48.625	ug/L	0.00
24) Chloroform-d	4.362	84	177597	5.422	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	71055	5.380	ug/L	0.00
32) Benzene-d6	5.059	84	367547	5.688	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	102555	5.504	ug/L	0.00
41) Toluene-d8	7.317	98	342914	5.960	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	31699	5.636	ug/L	0.00
46) 2-Hexanone-d5	8.091	63	97494	55.674	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	58188	5.241	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	98467	5.367	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.146	85	70423	4.337	ug/L	100
3) Chloromethane	1.256	50	79804	4.528	ug/L	100
5) Vinyl chloride	1.326	62	83506	4.525	ug/L	100
6) Bromomethane	1.539	94	47246	4.381	ug/L	100
8) Chloroethane	1.600	64	51576	4.480	ug/L	100
9) Trichlorofluoromethane	1.767	101	106541	4.286	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.133	101	61357	4.344	ug/L	100
12) 1,1-Dichloroethene	2.133	96	60129	4.452	ug/L	100
13) Acetone	2.204	43	36600m	37.199	ug/L	
14) Carbon disulfide	2.310	76	150247	4.381	ug/L	100
15) Methyl Acetate	2.461	43	11780	4.102	ug/L	100
16) Methylene chloride	2.523	84	58900	4.231	ug/L	100
17) Methyl tert-butyl Ether	2.786	73	92479	4.211	ug/L	100
18) trans-1,2-Dichloroethene	2.777	96	56292	4.347	ug/L	100
19) 1,1-Dichloroethane	3.204	63	109984	4.426	ug/L	100
21) 2-Butanone	4.002	43	55846m	40.888	ug/L	
22) cis-1,2-Dichloroethene	3.928	96	57716	4.430	ug/L	100
23) Bromochloromethane	4.265	128	24130	4.436	ug/L	100
25) Chloroform	4.387	83	117495	4.524	ug/L	100
27) 1,2-Dichloroethane	5.143	62	51934	4.302	ug/L	100
29) 1,1,1-Trichloroethane	4.619	97	97769	4.499	ug/L	100
30) Cyclohexane	4.690	56	71865	4.318	ug/L	100
31) Carbon tetrachloride	4.838	117	78350	4.461	ug/L	100
33) Benzene	5.108	78	241944	4.827	ug/L	100
34) Trichloroethene	5.921	95	58701	4.336	ug/L	100
35) Methylcyclohexane	6.137	83	78620	4.295	ug/L	100
37) 1,2-Dichloropropane	6.178	63	57394	4.420	ug/L	100
38) Bromodichloromethane	6.516	83	69667	4.504	ug/L	100
39) cis-1,3-Dichloropropene	7.034	75	63121	4.357	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	211902	45.599	ug/L	100
42) Toluene	7.390	91	257928	4.860	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	53005	4.651	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	36850	4.508	ug/L	100
47) Tetrachloroethene	7.976	164	43327	4.456	ug/L	100
48) 2-Hexanone	8.143	43	158933	48.484	ug/L	100
49) Dibromochloromethane	8.246	129	40524	4.542	ug/L	100
50) 1,2-Dibromoethane	8.355	107	32154	4.599	ug/L	100
51) Chlorobenzene	8.882	112	155811	4.566	ug/L	100
52) Ethylbenzene	9.014	91	240062	4.559	ug/L	100
53) m,p-Xylene	9.140	106	92260	4.577	ug/L	100
54) o-Xylene	9.545	106	87244	4.477	ug/L	100
55) Styrene	9.561	104	154124	4.797	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	36727	4.433	ug/L	100
59) Bromoform	9.731	173	17242	4.386	ug/L	100
60) Isopropylbenzene	9.931	105	235327	4.396	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	27214	4.335	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	174628	4.137	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	177503	4.273	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	112386	4.404	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	109875	4.340	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	100256	4.382	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	4905	4.451	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	73954	4.123	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	51735	4.007	ug/L	100
71) Naphthalene	13.500	128	67916	3.763	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	43546	4.085	ug/L	100

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

