

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
 Data File : VV026170.D
 Acq On : 12 Jun 2022 17:57
 Operator : SY/MD
 Sample : VSTD00162
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001262

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 02:28:51 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	151100	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	143885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	23055	1.167	ug/L	0.00
7) Chloroethane-d5	1.584	69	17673	1.136	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.124	63	35135	1.106	ug/L	0.00
20) 2-Butanone-d5	3.969	46	16038m	10.895	ug/L	0.05
24) Chloroform-d	4.365	84	31181	1.113	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.050	65	12722	1.126	ug/L	0.00
32) Benzene-d6	5.063	84	58247	1.038	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	17388	1.075	ug/L	0.00
41) Toluene-d8	7.320	98	48164	0.964	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	4765	0.976	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	11034	7.258	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	9887	1.026	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	15246	1.099	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	15513	1.117	ug/L	98
3) Chloromethane	1.256	50	17523	1.162	ug/L	99
5) Vinyl chloride	1.326	62	17671	1.119	ug/L	96
6) Bromomethane	1.539	94	10691	1.159	ug/L	97
8) Chloroethane	1.600	64	11326	1.150	ug/L	99
9) Trichlorofluoromethane	1.767	101	23829	1.121	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	13647	1.129	ug/L	96
12) 1,1-Dichloroethene	2.134	96	12699	1.099	ug/L	91
13) Acetone	2.224	43	10210	12.130	ug/L	82
14) Carbon disulfide	2.310	76	31070	1.059	ug/L	99
15) Methyl Acetate	2.465	43	2704	1.101	ug/L #	74
16) Methylene chloride	2.523	84	13912	1.168	ug/L	92
17) Methyl tert-butyl Ether	2.783	73	19284	1.026	ug/L	96
18) trans-1,2-Dichloroethene	2.777	96	12505	1.129	ug/L	87
19) 1,1-Dichloroethane	3.207	63	23736	1.117	ug/L	99
21) 2-Butanone	4.040	43	10693m	9.152	ug/L	
22) cis-1,2-Dichloroethene	3.934	96	11405	1.023	ug/L	96
23) Bromochloromethane	4.275	128	5115	1.099	ug/L	90
25) Chloroform	4.391	83	24956	1.123	ug/L	98
27) 1,2-Dichloroethane	5.149	62	11772	1.140	ug/L	98
29) 1,1,1-Trichloroethane	4.619	97	20596	1.092	ug/L	98
30) Cyclohexane	4.686	56	13953	0.966	ug/L	98
31) Carbon tetrachloride	4.841	117	16215	1.063	ug/L	98
33) Benzene	5.114	78	44837	1.030	ug/L	100
34) Trichloroethene	5.928	95	12655	1.077	ug/L	96
35) Methylcyclohexane	6.137	83	14471	0.911	ug/L	96
37) 1,2-Dichloropropane	6.185	63	11936	1.059	ug/L	99
38) Bromodichloromethane	6.519	83	14369	1.070	ug/L	94
39) cis-1,3-Dichloropropene	7.040	75	11522	0.916	ug/L	97
40) 4-Methyl-2-pentanone	7.236	43	34443	8.538	ug/L	97
42) Toluene	7.394	91	44327	0.962	ug/L	100
44) trans-1,3-Dichloropropene	7.664	75	9110	0.921	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.847	97	7337	1.034	ug/L	97
47) Tetrachloroethene	7.979	164	8571	1.016	ug/L	97
48) 2-Hexanone	8.149	43	26280m	9.235	ug/L	
49) Dibromochloromethane	8.249	129	7696	0.994	ug/L	92
50) 1,2-Dibromoethane	8.358	107	7006	1.154	ug/L	85
51) Chlorobenzene	8.882	112	30360	1.025	ug/L	99
52) Ethylbenzene	9.014	91	43000	0.941	ug/L	99
53) m,p-Xylene	9.143	106	15572	0.890	ug/L	98
54) o-Xylene	9.545	106	15285	0.903	ug/L	97
55) Styrene	9.564	104	23158	0.830	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	7161	0.996	ug/L #	98
59) Bromoform	9.735	173	3087	1.039	ug/L #	91
60) Isopropylbenzene	9.931	105	40229	0.994	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	5086	1.071	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	30891	0.968	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	28442	0.906	ug/L	96
64) 1,3-Dichlorobenzene	11.181	146	20444	1.059	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	20120	1.051	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	18756	1.084	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	900	1.080	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	14541	1.072	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	9542	0.977	ug/L	91
71) Naphthalene	13.503	128	13398	0.982	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	8326	1.033	ug/L	93

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

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