

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061122\
 Data File : VV026117.D
 Acq On : 11 Jun 2022 09:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

Quant Time: Jun 13 01:12:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 11 01:25:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	275815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	255246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	128424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	67694	4.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.581	69	77486	4.578	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.124	63	165750	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.915	46	115056	48.047	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.100%
24) Chloroform-d	4.359	84	159792	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.040	65	60957	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.056	84	305503	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.072	67	90991	4.768	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.317	98	273230	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	7.625	79	22499	4.005	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.088	63	93517	37.827	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.660%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53198	4.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	82147	4.181	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	124160	4.574	ug/L	99
3) Chloromethane	1.256	50	133117	4.379	ug/L	99
5) Vinyl chloride	1.323	62	139769	4.403	ug/L	98
6) Bromomethane	1.536	94	74984	4.075	ug/L	97
8) Chloroethane	1.600	64	86907	4.452	ug/L	96
9) Trichlorofluoromethane	1.767	101	186376	4.606	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	106609	4.624	ug/L	99
12) 1,1-Dichloroethene	2.130	96	99175	4.470	ug/L	98
13) Acetone	2.211	43	87327	45.726	ug/L	75
14) Carbon disulfide	2.307	76	271949	4.296	ug/L	100
15) Methyl Acetate	2.455	43	20757	3.325	ug/L #	82
16) Methylene chloride	2.519	84	94300	4.266	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	153117	4.251	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	95446	4.562	ug/L	99
19) 1,1-Dichloroethane	3.201	63	181157	4.760	ug/L	98
21) 2-Butanone	3.998	43	126797	50.969	ug/L	92
22) cis-1,2-Dichloroethene	3.921	96	95173	4.615	ug/L	99
23) Bromochloromethane	4.259	128	38890	4.486	ug/L	98
25) Chloroform	4.384	83	183903	4.707	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	84764	4.388	ug/L	97
29) 1,1,1-Trichloroethane	4.616	97	161387	4.818	ug/L	99
30) Cyclohexane	4.687	56	134753	4.626	ug/L	98
31) Carbon tetrachloride	4.834	117	136252	4.954	ug/L	97
33) Benzene	5.105	78	403543	5.031	ug/L	100
34) Trichloroethene	5.918	95	103437	4.936	ug/L	99
35) Methylcyclohexane	6.133	83	154623	4.786	ug/L	99
37) 1,2-Dichloropropane	6.175	63	95002	4.887	ug/L	100
38) Bromodichloromethane	6.513	83	113396	4.829	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	108348	4.523	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	347949	43.815	ug/L	98
42) Toluene	7.387	91	427728	5.104	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85082	4.533	ug/L	95
45) 1,1,2-Trichloroethane	7.838	97	56732	4.494	ug/L	98
47) Tetrachloroethene	7.976	164	77195	4.759	ug/L	97
48) 2-Hexanone	8.140	43	241979	42.927	ug/L	99
49) Dibromochloromethane	8.246	129	64417	4.675	ug/L	97
50) 1,2-Dibromoethane	8.352	107	49138	4.375	ug/L	99
51) Chlorobenzene	8.879	112	262942	4.820	ug/L	99
52) Ethylbenzene	9.011	91	432583	4.924	ug/L	99
53) m,p-Xylene	9.137	106	170809	5.030	ug/L	100
54) o-Xylene	9.542	106	158829	4.920	ug/L	99
55) Styrene	9.558	104	278302	5.147	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	58150	4.303	ug/L	99
59) Bromoform	9.731	173	27547	4.572	ug/L	99
60) Isopropylbenzene	9.931	105	436085	5.110	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	42655	4.255	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	336967	4.986	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	346704	5.151	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	196269	4.841	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	193986	4.699	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	166181	4.634	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7197	4.040	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	134677	4.587	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	91423	4.177	ug/L	96
71) Naphthalene	13.500	128	115241	3.706	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	73400	3.962	ug/L	95

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

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