

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027454.D
 Acq On : 19 Aug 2022 20:50
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005377

Quant Time: Aug 20 06:09:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	151486	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148381	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	48062	4.458	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.568	69	44166	5.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.000%
11) 1,1-Dichloroethene-d2	2.108	63	115848	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.892	46	62984	46.942	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.880%
24) Chloroform-d	4.346	84	102070	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.030	65	44430	4.764	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.050	84	194664	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.066	67	54055	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.313	98	183058	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.622	79	18933	4.628	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.091	63	66130	49.103	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35768	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	53898	4.555	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	80676	5.019	ug/L	99
3) Chloromethane	1.240	50	69253	4.934	ug/L	100
5) Vinyl chloride	1.310	62	68854	4.873	ug/L	98
6) Bromomethane	1.519	94	41652	5.961	ug/L	100
8) Chloroethane	1.584	64	49953	6.049	ug/L	99
9) Trichlorofluoromethane	1.751	101	110575	4.926	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	64444	5.085	ug/L	99
12) 1,1-Dichloroethene	2.117	96	56553	4.934	ug/L	97
13) Acetone	2.172	43	52567	41.025	ug/L	99
14) Carbon disulfide	2.291	76	151083	4.803	ug/L	100
15) Methyl Acetate	2.436	43	17521	4.938	ug/L #	90
16) Methylene chloride	2.503	84	65456	3.788	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	116748	4.923	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	58300	4.937	ug/L	95
19) 1,1-Dichloroethane	3.188	63	121701	4.979	ug/L	98
21) 2-Butanone	3.973	43	82334	48.282	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	61261	4.868	ug/L	97
23) Bromochloromethane	4.246	128	27302	4.920	ug/L	89
25) Chloroform	4.371	83	127905	4.812	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	67933	5.030	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	116738	5.126	ug/L	98
30) Cyclohexane	4.677	56	88737	5.076	ug/L	94
31) Carbon tetrachloride	4.825	117	100103	5.054	ug/L	100
33) Benzene	5.098	78	261339	5.297	ug/L	100
34) Trichloroethene	5.911	95	65465	5.042	ug/L	99
35) Methylcyclohexane	6.130	83	91086	4.988	ug/L	97
37) 1,2-Dichloropropane	6.172	63	67079	5.100	ug/L	99
38) Bromodichloromethane	6.506	83	84866	5.089	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	77594	4.893	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	325098	55.321	ug/L	99
42) Toluene	7.384	91	273234	5.366	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	66628	4.970	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	44073	5.242	ug/L	99
47) Tetrachloroethene	7.972	164	50930	5.036	ug/L	97
48) 2-Hexanone	8.140	43	233873	55.230	ug/L	99
49) Dibromochloromethane	8.246	129	53238	5.148	ug/L	96
50) 1,2-Dibromoethane	8.352	107	39055	5.321	ug/L #	99
51) Chlorobenzene	8.879	112	173758	5.272	ug/L	98
52) Ethylbenzene	9.011	91	274736	5.286	ug/L	99
53) m,p-Xylene	9.136	106	107048	5.382	ug/L	98
54) o-Xylene	9.542	106	102663	5.321	ug/L	100
55) Styrene	9.561	104	179995	5.484	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	50339	5.315	ug/L	98
59) Bromoform	9.731	173	25722	4.809	ug/L	97
60) Isopropylbenzene	9.931	105	275245	5.241	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	36432	5.203	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	71218	4.891	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	205529	5.009	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	132260	5.112	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	131810	5.110	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	119894	5.111	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7860	5.053	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	94956	4.916	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	70252	5.005	ug/L	98
71) Naphthalene	13.500	128	94889	4.898	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	64215	5.151	ug/L	99

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

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