

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082222\
 Data File : VV027478.D
 Acq On : 22 Aug 2022 19:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

Quant Time: Aug 23 03:15:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 23 03:03:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	135872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72207	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40612	4.200	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.565	69	40144	5.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.108	63	102797	4.559	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	3.892	46	77930	64.756	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.520%
24) Chloroform-d	4.346	84	92132	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.031	65	39778	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.047	84	168665	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.069	67	49307	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.313	98	158595	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.622	79	16025	4.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.088	63	56896	47.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.440%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32571	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	50538	4.721	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	71352	4.949	ug/L	99
3) Chloromethane	1.240	50	63425	5.038	ug/L	99
5) Vinyl chloride	1.311	62	63035	4.974	ug/L	99
6) Bromomethane	1.520	94	37932	6.053	ug/L	99
8) Chloroethane	1.584	64	45492	6.142	ug/L	97
9) Trichlorofluoromethane	1.751	101	106885	5.308	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	60244	5.300	ug/L	98
12) 1,1-Dichloroethene	2.114	96	54774	5.328	ug/L	94
13) Acetone	2.179	43	85564	74.450	ug/L	95
14) Carbon disulfide	2.291	76	139896	4.958	ug/L	100
15) Methyl Acetate	2.436	43	18720	5.882	ug/L #	91
16) Methylene chloride	2.503	84	61941	3.997	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	106761	5.019	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	54108	5.109	ug/L	96
19) 1,1-Dichloroethane	3.185	63	109725	5.004	ug/L	99
21) 2-Butanone	3.973	43	108819	71.147	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	73731	6.532	ug/L	98
23) Bromochloromethane	4.249	128	24784	4.979	ug/L	87
25) Chloroform	4.371	83	121301	5.088	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	65610	5.416	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	105598	5.237	ug/L	99
30) Cyclohexane	4.674	56	78097	5.046	ug/L	99
31) Carbon tetrachloride	4.825	117	94042	5.363	ug/L	99
33) Benzene	5.095	78	237794	5.444	ug/L	100
34) Trichloroethene	5.912	95	70336	6.119	ug/L	99
35) Methylcyclohexane	6.130	83	80889	5.003	ug/L	96
37) 1,2-Dichloropropane	6.172	63	58525	5.026	ug/L	99
38) Bromodichloromethane	6.510	83	81543	5.523	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	71093	5.063	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	282340	54.265	ug/L	98
42) Toluene	7.387	91	250282	5.551	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	60360	5.085	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	41089	5.519	ug/L	94
47) Tetrachloroethene	7.973	164	46116	5.150	ug/L	99
48) 2-Hexanone	8.140	43	201810	53.829	ug/L	96
49) Dibromochloromethane	8.243	129	49994	5.460	ug/L	99
50) 1,2-Dibromoethane	8.352	107	34626	5.329	ug/L	98
51) Chlorobenzene	8.879	112	152097	5.212	ug/L	98
52) Ethylbenzene	9.011	91	246178	5.349	ug/L	99
53) m,p-Xylene	9.137	106	96646	5.488	ug/L	100
54) o-Xylene	9.542	106	92183	5.396	ug/L	99
55) Styrene	9.561	104	164011	5.644	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45818	5.464	ug/L	97
59) Bromoform	9.731	173	25969	5.366	ug/L	99
60) Isopropylbenzene	9.931	105	251308	5.290	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	32938	5.200	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	66555	5.052	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	193053	5.201	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	130358	5.569	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	125294	5.369	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	117647	5.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	8175	5.809	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.644	180	89903	5.145	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	65196	5.134	ug/L	99
71) Naphthalene	13.500	128	90584	5.168	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60605	5.374	ug/L	99

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

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