

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027576.D
 Acq On : 29 Aug 2022 20:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005390

Quant Time: Aug 29 22:31:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	151802	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40691	3.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.565	69	39702	5.021	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.108	63	105086	4.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.889	46	99021	73.648	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.300%#
24) Chloroform-d	4.346	84	93273	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.031	65	43391	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	160224	4.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.066	67	44317	3.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.313	98	146498	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.625	79	16314	4.223	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.088	63	62182	48.894	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40550	5.643	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	54318	4.849	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	62041	3.852	ug/L	100
3) Chloromethane	1.240	50	49491	3.518	ug/L	99
5) Vinyl chloride	1.311	62	55866	3.945	ug/L	97
6) Bromomethane	1.520	94	31697	4.527	ug/L	100
8) Chloroethane	1.584	64	41240	4.984	ug/L	94
9) Trichlorofluoromethane	1.751	101	109150	4.852	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	61211	4.820	ug/L	96
12) 1,1-Dichloroethene	2.118	96	52949	4.610	ug/L	93
13) Acetone	2.175	43	97149	75.660	ug/L	100
14) Carbon disulfide	2.291	76	115451	3.662	ug/L	99
15) Methyl Acetate	2.436	43	18028	5.070	ug/L	94
16) Methylene chloride	2.503	84	61540	3.554	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	118633	4.992	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	52692	4.453	ug/L	96
19) 1,1-Dichloroethane	3.185	63	105808	4.319	ug/L	100
21) 2-Butanone	3.973	43	120024	70.238	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	61715	4.894	ug/L	99
23) Bromochloromethane	4.246	128	25406	4.569	ug/L #	84
25) Chloroform	4.371	83	119369	4.481	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	65598	4.847	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	103268	4.801	ug/L	99
30) Cyclohexane	4.674	56	65295	3.955	ug/L	96
31) Carbon tetrachloride	4.825	117	87604	4.684	ug/L	97
33) Benzene	5.098	78	225820	4.847	ug/L	100
34) Trichloroethene	5.915	95	61079	4.982	ug/L	97
35) Methylcyclohexane	6.130	83	70697	4.100	ug/L	93
37) 1,2-Dichloropropane	6.172	63	49354	3.974	ug/L	97
38) Bromodichloromethane	6.510	83	72451	4.601	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	65729	4.389	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	254465	45.855	ug/L #	97
42) Toluene	7.387	91	226498	4.710	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	56094	4.431	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	36872	4.644	ug/L	93
47) Tetrachloroethene	7.976	164	41520	4.347	ug/L	96
48) 2-Hexanone	8.140	43	185255	46.329	ug/L	97
49) Dibromochloromethane	8.243	129	45760	4.686	ug/L	97
50) 1,2-Dibromoethane	8.352	107	31968	4.613	ug/L #	94
51) Chlorobenzene	8.879	112	155762	5.005	ug/L	100
52) Ethylbenzene	9.011	91	267494	5.450	ug/L	99
53) m,p-Xylene	9.137	106	104443	5.560	ug/L	99
54) o-Xylene	9.542	106	99938	5.485	ug/L	97
55) Styrene	9.558	104	179373	5.787	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	50838	5.684	ug/L	99
59) Bromoform	9.731	173	25727	5.080	ug/L	97
60) Isopropylbenzene	9.931	105	272046	5.471	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	36441	5.497	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	71006	5.150	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	203406	5.236	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	134391	5.486	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	132416	5.422	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	117206	5.277	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	7181	4.875	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	94380	5.161	ug/L	96
70) 1,2,4-trichlorobenzene	13.259	180	70210	5.283	ug/L	99
71) Naphthalene	13.500	128	95765	5.220	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	63212	5.356	ug/L	99

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

