

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027494.D
 Acq On : 25 Aug 2022 09:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005384

Quant Time: Aug 26 00:55:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 25 06:25:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	134918	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136183	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79093	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39228	4.085	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.568	69	40057	5.700	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.000%
11) 1,1-Dichloroethene-d2	2.108	63	110196	4.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.892	46	49318	41.271	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.540%
24) Chloroform-d	4.342	84	88618	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.031	65	38102	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.047	84	160315	4.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.066	67	44607	4.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.313	98	151750	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	16601	4.421	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.088	63	54431	44.036	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36412	5.214	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	49686	4.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	67308	4.702	ug/L	100
3) Chloromethane	1.240	50	57562	4.604	ug/L	100
5) Vinyl chloride	1.310	62	58680	4.663	ug/L	99
6) Bromomethane	1.523	94	39538	6.353	ug/L	100
8) Chloroethane	1.584	64	46406	6.310	ug/L	97
9) Trichlorofluoromethane	1.751	101	107422	5.373	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	63158	5.596	ug/L	98
12) 1,1-Dichloroethene	2.114	96	54133	5.303	ug/L	92
13) Acetone	2.179	43	46843	41.047	ug/L	96
14) Carbon disulfide	2.291	76	122721	4.380	ug/L	99
15) Methyl Acetate	2.433	43	12735	4.030	ug/L	# 80
16) Methylene chloride	2.503	84	52219	3.393	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	98439	4.661	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	51372	4.885	ug/L	96
19) 1,1-Dichloroethane	3.185	63	103426	4.751	ug/L	98
21) 2-Butanone	3.976	43	57167	37.641	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	52266	4.663	ug/L	96
23) Bromochloromethane	4.243	128	23416	4.738	ug/L	84
25) Chloroform	4.371	83	109863	4.641	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58174	4.836	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	98864	4.730	ug/L	99
30) Cyclohexane	4.670	56	70225	4.377	ug/L	99
31) Carbon tetrachloride	4.822	117	86009	4.732	ug/L	98
33) Benzene	5.095	78	213915	4.724	ug/L	100
34) Trichloroethene	5.908	95	53307	4.474	ug/L	97
35) Methylcyclohexane	6.127	83	76120	4.542	ug/L	94
37) 1,2-Dichloropropane	6.169	63	55072	4.562	ug/L	98
38) Bromodichloromethane	6.506	83	73818	4.823	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	67200	4.617	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	247339	45.859	ug/L	97
42) Toluene	7.384	91	233157	4.989	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	58656	4.767	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	36659	4.750	ug/L	94
47) Tetrachloroethene	7.973	164	43318	4.667	ug/L	98
48) 2-Hexanone	8.140	43	184104	47.372	ug/L	98
49) Dibromochloromethane	8.243	129	46826	4.934	ug/L	95
50) 1,2-Dibromoethane	8.349	107	32992	4.898	ug/L	95
51) Chlorobenzene	8.879	112	142495	4.711	ug/L	98
52) Ethylbenzene	9.011	91	227773	4.775	ug/L	99
53) m,p-Xylene	9.136	106	90491	4.957	ug/L	99
54) o-Xylene	9.542	106	92206	5.207	ug/L	99
55) Styrene	9.558	104	168358	5.589	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	46834	5.388	ug/L	98
59) Bromoform	9.731	173	25968	4.899	ug/L	98
60) Isopropylbenzene	9.927	105	253171	4.865	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	33163	4.780	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	63734	4.417	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	182026	4.477	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	128512	5.012	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	122718	4.801	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	109661	4.717	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7106	4.610	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	90390	4.723	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	63362	4.556	ug/L	99
71) Naphthalene	13.500	128	75877	3.952	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54321	4.397	ug/L	99

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

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