

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082422\
 Data File : VV027492.D
 Acq On : 24 Aug 2022 16:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005383

Quant Time: Aug 25 06:26:38 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	5.609	114	132016	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	130211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38095	4.055	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.565	69	39016	5.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.105	63	99392	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.886	46	52137	44.589	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	4.343	84	84328	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.027	65	37182	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.043	84	158627	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.063	67	42805	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.310	98	153028	4.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.619	79	16117	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.088	63	53428	45.207	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.420%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	31835	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	48679	4.217	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	69945	4.993	ug/L	98
3) Chloromethane	1.240	50	56745	4.639	ug/L	98
5) Vinyl chloride	1.307	62	60987	4.953	ug/L	96
6) Bromomethane	1.520	94	39518	6.490	ug/L	100
8) Chloroethane	1.581	64	47346	6.579	ug/L	100
9) Trichlorofluoromethane	1.751	101	108572	5.550	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	60687	5.495	ug/L	96
12) 1,1-Dichloroethene	2.114	96	53355	5.341	ug/L	98
13) Acetone	2.172	43	56441	50.544	ug/L	98
14) Carbon disulfide	2.288	76	125046	4.561	ug/L	100
15) Methyl Acetate	2.433	43	11479	3.712	ug/L #	73
16) Methylene chloride	2.500	84	61913	4.111	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	97581	4.722	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	48981	4.760	ug/L	98
19) 1,1-Dichloroethane	3.182	63	100097	4.699	ug/L	100
21) 2-Butanone	3.966	43	67345	45.317	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	50207	4.578	ug/L	97
23) Bromochloromethane	4.243	128	22448	4.642	ug/L	87
25) Chloroform	4.365	83	109519	4.728	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	58048	4.932	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	101580	5.082	ug/L	97
30) Cyclohexane	4.667	56	67313	4.388	ug/L	94
31) Carbon tetrachloride	4.818	117	89537	5.152	ug/L	98
33) Benzene	5.092	78	225098	5.199	ug/L	100
34) Trichloroethene	5.905	95	54936	4.822	ug/L	98
35) Methylcyclohexane	6.127	83	78279	4.885	ug/L	97
37) 1,2-Dichloropropane	6.169	63	56150	4.865	ug/L	100
38) Bromodichloromethane	6.503	83	75336	5.148	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	68026	4.888	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	252916	49.044	ug/L	97
42) Toluene	7.381	91	236780	5.299	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	59127	5.026	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	38129	5.167	ug/L	95
47) Tetrachloroethene	7.969	164	44708	5.037	ug/L	98
48) 2-Hexanone	8.137	43	190777	51.340	ug/L	98
49) Dibromochloromethane	8.240	129	48419	5.336	ug/L	96
50) 1,2-Dibromoethane	8.349	107	34312	5.327	ug/L	92
51) Chlorobenzene	8.876	112	146687	5.072	ug/L	97
52) Ethylbenzene	9.008	91	236140	5.177	ug/L	100
53) m,p-Xylene	9.133	106	92160	5.280	ug/L	98
54) o-Xylene	9.539	106	92439	5.460	ug/L	99
55) Styrene	9.558	104	163119	5.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	43086	5.184	ug/L	99
59) Bromoform	9.728	173	24631	4.719	ug/L	97
60) Isopropylbenzene	9.928	105	241247	4.708	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30542	4.471	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	65682	4.623	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	183768	4.591	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	128262	5.081	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	129754	5.156	ug/L	97
67) 1,2-Dichlorobenzene	11.638	146	113763	4.970	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	6942	4.574	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	87764	4.657	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	62581	4.570	ug/L	100
71) Naphthalene	13.500	128	76330	4.038	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	55821	4.590	ug/L	99

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

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