

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027673.D
 Acq On : 01 Sep 2022 16:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005398

Quant Time: Sep 02 00:12:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	151126	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	61105	3.722	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.564	69	53482	3.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.800%
11) 1,1-Dichloroethene-d2	2.108	63	131712	4.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.950	46	134992	48.631	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.260%
24) Chloroform-d	4.339	84	127435	3.866	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.027	65	67748	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.031	84	232336	4.330	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.072	67	78603	4.736	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.317	98	234829	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.629	79	23111	4.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.108	63	87025	45.260	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49536	4.638	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	69897	4.221	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	104905	5.095	ug/L	100
3) Chloromethane	1.233	50	92628	4.699	ug/L	97
5) Vinyl chloride	1.304	62	90636	4.828	ug/L	98
6) Bromomethane	1.519	94	43945	4.981	ug/L	99
8) Chloroethane	1.584	64	51501	4.909	ug/L	94
9) Trichlorofluoromethane	1.751	101	130293	5.176	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	63735	4.650	ug/L	98
12) 1,1-Dichloroethene	2.114	96	59098	4.685	ug/L	98
13) Acetone	2.233	43	90024	47.930	ug/L	84
14) Carbon disulfide	2.288	76	169131	4.243	ug/L	99
15) Methyl Acetate	2.455	43	24487	4.914	ug/L	99
16) Methylene chloride	2.500	84	65122	4.092	ug/L	96
17) Methyl tert-butyl Ether	2.780	73	150653	5.590	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	63636	4.451	ug/L	95
19) 1,1-Dichloroethane	3.179	63	131579	4.701	ug/L	98
21) 2-Butanone	4.037	43	147701	57.982	ug/L	82
22) cis-1,2-Dichloroethene	3.902	96	70010	4.906	ug/L	# 99
23) Bromochloromethane	4.236	128	28292	4.475	ug/L	97
25) Chloroform	4.365	83	139936	4.761	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	88734	5.530	ug/L	97
29) 1,1,1-Trichloroethane	4.590	97	130792	5.774	ug/L	100
30) Cyclohexane	4.648	56	112038	5.863	ug/L	97
31) Carbon tetrachloride	4.806	117	109890	5.670	ug/L	100
33) Benzene	5.082	78	271359	5.311	ug/L	100
34) Trichloroethene	5.905	95	72819	5.798	ug/L	98
35) Methylcyclohexane	6.117	83	110817	5.686	ug/L	97
37) 1,2-Dichloropropane	6.175	63	73994	5.735	ug/L #	97
38) Bromodichloromethane	6.516	83	92198	5.650	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	84291	5.352	ug/L	100
40) 4-Methyl-2-pentanone	7.256	43	327379	57.094	ug/L	96
42) Toluene	7.391	91	311076	6.097	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	71332	5.557	ug/L	100
45) 1,1,2-Trichloroethane	7.847	97	47308	5.685	ug/L	97
47) Tetrachloroethene	7.973	164	57796	5.675	ug/L	98
48) 2-Hexanone	8.159	43	245639	57.083	ug/L	98
49) Dibromochloromethane	8.249	129	55843	5.663	ug/L	93
50) 1,2-Dibromoethane	8.358	107	42094	5.647	ug/L	99
51) Chlorobenzene	8.883	112	183918	5.718	ug/L	98
52) Ethylbenzene	9.011	91	290308	5.616	ug/L	98
53) m,p-Xylene	9.136	106	119789	6.028	ug/L	92
54) o-Xylene	9.542	106	111058	5.857	ug/L	95
55) Styrene	9.561	104	201878	6.234	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	51673	5.616	ug/L	98
59) Bromoform	9.731	173	27047	5.148	ug/L	100
60) Isopropylbenzene	9.931	105	297500	5.314	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	37699	5.037	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	78714	5.153	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	222895	5.075	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	147443	5.458	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	143835	5.355	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	129966	5.364	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7440	4.992	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	98066	5.035	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70638	4.920	ug/L	99
71) Naphthalene	13.500	128	87897	3.912	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	62462	4.830	ug/L	99

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

