

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081121\
 Data File : VV021772.D
 Acq On : 11 Aug 2021 14:54
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

Manual Integrations
 APPROVED

MMDadoda
 8/12/2021 4:11:41 PM

Quant Time: Aug 12 03:14:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 12 03:04:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	219998	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	204169	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	108626	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40079	4.758	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.565	69	47676	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.105	63	91329	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	3.915	46	159078	47.513	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.020%
24) Chloroform-d	4.346	84	131073	4.928	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.031	65	60186	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.047	84	255993	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	6.069	67	82003	4.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.313	98	239505	5.110	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
43) trans-1,3-Dichloroprop...	7.625	79	25575	5.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.092	63	127149	51.626	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.260%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	54745	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	94102	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	89713	5.675	ug/L	99
3) Chloromethane	1.240	50	75663	5.583	ug/L	100
5) Vinyl chloride	1.307	62	80167	5.618	ug/L	99
6) Bromomethane	1.520	94	50637	5.621	ug/L	99
8) Chloroethane	1.581	64	49344	5.506	ug/L	96
9) Trichlorofluoromethane	1.748	101	119005	5.676	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	61152	5.418	ug/L	98
12) 1,1-Dichloroethene	2.114	96	52834	5.216	ug/L	90
13) Acetone	2.214	43	110601m	52.195	ug/L	
14) Carbon disulfide	2.288	76	163758	5.527	ug/L	99
15) Methyl Acetate	2.446	43	33056	5.428	ug/L	93
16) Methylene chloride	2.503	84	117379	6.415	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	176383	5.539	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	72270	5.537	ug/L	98
19) 1,1-Dichloroethane	3.185	63	137851	5.658	ug/L	98
21) 2-Butanone	3.995	43	181009	52.349	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	81385	5.525	ug/L	98
23) Bromochloromethane	4.246	128	35930	5.421	ug/L	96
25) Chloroform	4.371	83	140712	5.413	ug/L	96

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27) 1,2-Dichloroethane	5.130	62	75647	5.456	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	124376	5.705	ug/L	99
30) Cyclohexane	4.670	56	112521	5.748	ug/L	99
31) Carbon tetrachloride	4.822	117	106591	5.675	ug/L	100
33) Benzene	5.095	78	297120	5.686	ug/L	100
34) Trichloroethene	5.912	95	85441	5.812	ug/L	96
35) Methylcyclohexane	6.127	83	122034	5.758	ug/L	99
37) 1,2-Dichloropropane	6.172	63	75557	5.691	ug/L	100
38) Bromodichloromethane	6.510	83	96516	5.634	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	112750	5.878	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	459935	56.378	ug/L	99
42) Toluene	7.387	91	324395	5.733	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	93681	5.759	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	56182	5.658	ug/L	98
47) Tetrachloroethene	7.976	164	65203	5.711	ug/L	98
48) 2-Hexanone	8.140	43	327218	58.193	ug/L	99
49) Dibromochloromethane	8.246	129	67262	5.703	ug/L	100
50) 1,2-Dibromoethane	8.352	107	52069	5.625	ug/L	99
51) Chlorobenzene	8.883	112	213898	5.676	ug/L	99
52) Ethylbenzene	9.011	91	351507	5.770	ug/L	99
53) m,p-xylene	9.137	106	135459	5.686	ug/L	96
54) o-xylene	9.545	106	135516	5.771	ug/L	97
55) Styrene	9.561	104	227845	5.852	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	57136	5.596	ug/L	100
59) Bromoform	9.731	173	36162	5.572	ug/L	99
60) Isopropylbenzene	9.931	105	366819	5.724	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	46873	5.598	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	309013	5.789	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	313499	5.777	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	179381	5.790	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	175700	5.703	ug/L	97
67) 1,2-Dichlorobenzene	11.645	146	165195	5.698	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	8559	5.434	ug/L	93
69) 1,3,5-Trichlorobenzene	12.648	180	138431	5.735	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	108707	5.707	ug/L	97
71) Naphthalene	13.503	128	179011	6.331	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	100825	6.021	ug/L	99

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

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