

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092721\
 Data File : VV022327.D
 Acq On : 27 Sep 2021 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005292

Manual Integrations
 APPROVED

MMDadoda
 9/29/2021 5:11:08 PM

Quant Time: Sep 28 01:11:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 25 04:30:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	133990	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130382	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	26107	3.867	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.564	69	34097	4.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.105	63	70530	4.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.915	46	118043	42.784	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.560%
24) Chloroform-d	4.342	84	88442	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.034	65	40605	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.047	84	165696	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.066	67	52361	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.313	98	144326	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.622	79	15443	4.416	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.091	63	97375	44.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41769	4.334	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	55995	4.156	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	54819	5.254	ug/L	98
3) Chloromethane	1.240	50	53228	5.105	ug/L	97
5) Vinyl chloride	1.307	62	52465	5.232	ug/L	99
6) Bromomethane	1.516	94	33757	5.251	ug/L	98
8) Chloroethane	1.580	64	31646	5.011	ug/L	98
9) Trichlorofluoromethane	1.748	101	73804	5.321	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	45215	5.470	ug/L	99
12) 1,1-Dichloroethene	2.114	96	42429	5.635	ug/L #	74
13) Acetone	2.220	43	81414m	52.045	ug/L	
14) Carbon disulfide	2.288	76	139144	5.434	ug/L	100
15) Methyl Acetate	2.445	43	17294	4.982	ug/L	96
16) Methylene chloride	2.503	84	51576	3.936	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	99208	4.954	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	48447	5.386	ug/L	99
19) 1,1-Dichloroethane	3.185	63	85060	5.360	ug/L	94
21) 2-Butanone	3.995	43	114351	48.321	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	47731	5.339	ug/L	95
23) Bromochloromethane	4.249	128	22918	5.430	ug/L	95
25) Chloroform	4.371	83	85827	5.292	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	47524	5.019	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	73807	5.436	ug/L	98
30) Cyclohexane	4.674	56	71628	5.283	ug/L	100
31) Carbon tetrachloride	4.825	117	66447	5.760	ug/L	100
33) Benzene	5.095	78	188712	5.503	ug/L	100
34) Trichloroethene	5.911	95	48448	5.559	ug/L	95
35) Methylcyclohexane	6.127	83	75655	5.436	ug/L	99
37) 1,2-Dichloropropane	6.172	63	46850	5.411	ug/L	99
38) Bromodichloromethane	6.509	83	56594	5.425	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	62140	5.427	ug/L	95
40) 4-Methyl-2-pentanone	7.226	43	274794	49.245	ug/L	98
42) Toluene	7.387	91	201116	5.535	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	51966	5.309	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	33294	5.086	ug/L	96
47) Tetrachloroethene	7.976	164	40496	5.479	ug/L	99
48) 2-Hexanone	8.143	43	203134	51.807	ug/L	100
49) Dibromochloromethane	8.246	129	38161	5.420	ug/L	96
50) 1,2-Dibromoethane	8.352	107	31185	5.123	ug/L #	94
51) Chlorobenzene	8.882	112	126223	5.289	ug/L	98
52) Ethylbenzene	9.011	91	201771	5.339	ug/L	99
53) m,p-xylene	9.140	106	79915	5.475	ug/L	93
54) o-xylene	9.545	106	76285	5.364	ug/L	98
55) Styrene	9.561	104	134398	5.695	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	37959	4.669	ug/L	98
59) Bromoform	9.731	173	20788	5.191	ug/L	94
60) Isopropylbenzene	9.931	105	204730	5.118	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	27498	4.417	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	166265	5.090	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	168538	5.176	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	102756	5.219	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	103608	5.193	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	93527	4.983	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	5629	4.547	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	79033	5.292	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57800	4.858	ug/L	93
71) Naphthalene	13.503	128	91089	4.213	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	56145	5.050	ug/L	98

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

