

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032122\
 Data File : VW025117.D
 Acq On : 21 Mar 2022 16:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005341

Quant Time: Mar 22 01:29:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	158969	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53149	4.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.568	69	43399	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.111	63	93535	4.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.889	46	96683	63.743	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.480%
24) Chloroform-d	4.346	84	100535	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.030	65	42115	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.046	84	203295	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.066	67	59724	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.310	98	185061	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.619	79	20910	4.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.085	63	81848	55.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.860%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	38095	5.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	59456	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	68012	4.842	ug/L	98
3) Chloromethane	1.243	50	61821	4.667	ug/L	100
5) Vinyl chloride	1.314	62	69077	4.942	ug/L	98
6) Bromomethane	1.523	94	42950	4.755	ug/L	99
8) Chloroethane	1.587	64	41815	4.934	ug/L	100
9) Trichlorofluoromethane	1.754	101	95084	5.002	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	55494	5.384	ug/L	100
12) 1,1-Dichloroethene	2.121	96	52763	5.210	ug/L	94
13) Acetone	2.182	43	62662	61.772	ug/L	82
14) Carbon disulfide	2.294	76	167552	4.624	ug/L	100
15) Methyl Acetate	2.439	43	16838	6.059	ug/L	91
16) Methylene chloride	2.506	84	62262	5.074	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	117889	5.344	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	61519	5.048	ug/L	99
19) 1,1-Dichloroethane	3.188	63	106694	5.144	ug/L	99
21) 2-Butanone	3.973	43	94862	59.250	ug/L	81
22) cis-1,2-Dichloroethene	3.908	96	65850	5.352	ug/L	93
23) Bromochloromethane	4.246	128	26387	5.439	ug/L	93
25) Chloroform	4.371	83	111836	5.178	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	55549	5.173	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	97708	5.194	ug/L	99
30) Cyclohexane	4.673	56	89652	4.898	ug/L	97
31) Carbon tetrachloride	4.825	117	84032	5.206	ug/L	100
33) Benzene	5.095	78	244266	5.091	ug/L	100
34) Trichloroethene	5.911	95	65313	5.112	ug/L	97
35) Methylcyclohexane	6.127	83	102972	5.091	ug/L	99
37) 1,2-Dichloropropane	6.169	63	58997	5.350	ug/L	99
38) Bromodichloromethane	6.506	83	71823	5.151	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	79948	5.222	ug/L	96
40) 4-Methyl-2-pentanone	7.220	43	237165	52.270	ug/L	98
42) Toluene	7.384	91	268234	5.342	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	62399	5.180	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	38428	5.218	ug/L	96
47) Tetrachloroethene	7.972	164	46772	5.204	ug/L	97
48) 2-Hexanone	8.136	43	167001	51.917	ug/L	97
49) Dibromochloromethane	8.242	129	42104	5.107	ug/L	99
50) 1,2-Dibromoethane	8.349	107	35416	5.255	ug/L	98
51) Chlorobenzene	8.879	112	165623	5.267	ug/L	100
52) Ethylbenzene	9.008	91	287376	5.410	ug/L	100
53) m,p-xylene	9.136	106	110918	5.422	ug/L	98
54) o-xylene	9.538	106	105753	5.406	ug/L	94
55) Styrene	9.558	104	176847	5.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	38988	5.400	ug/L	96
59) Bromoform	9.728	173	18810	4.857	ug/L	100
60) Isopropylbenzene	9.927	105	286925	5.291	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29779	4.924	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	131925	5.361	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	241829	5.549	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	125675	5.343	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	123997	5.229	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	108215	5.192	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5483	5.289	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	90600	5.453	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	71547	5.527	ug/L	98
71) Naphthalene	13.500	128	116824	5.434	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60131	5.482	ug/L	99

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

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