

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022960.D
 Acq On : 21 Oct 2021 16:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

Quant Time: Oct 22 04:49:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/25/2021
 Supervised By : Mahesh Dadoda 10/25/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	148485	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145939	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83646	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43426	4.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.565	69	34101	3.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.108	63	71019	3.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.889	46	84972	31.722	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.440%
24) Chloroform-d	4.346	84	94033	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.031	65	42298	4.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.047	84	192404	4.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.069	67	56432	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.314	98	181679	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	7.622	79	19064	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.088	63	80159	46.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40450	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	67165	4.331	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	46362	4.284	ug/L	99
3) Chloromethane	1.240	50	50592	4.651	ug/L	99
5) Vinyl chloride	1.311	62	51862	4.615	ug/L	100
6) Bromomethane	1.520	94	24884	3.552	ug/L	97
8) Chloroethane	1.584	64	25572	3.678	ug/L	98
9) Trichlorofluoromethane	1.751	101	66460	4.037	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38608	4.032	ug/L	98
12) 1,1-Dichloroethene	2.118	96	33743	3.762	ug/L	87
13) Acetone	2.179	43	59077m	39.551	ug/L	
14) Carbon disulfide	2.291	76	124685	4.946	ug/L	100
15) Methyl Acetate	2.436	43	14639	3.425	ug/L	97
16) Methylene chloride	2.503	84	56354	4.565	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	86219	3.973	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	47201	4.839	ug/L	97
19) 1,1-Dichloroethane	3.188	63	84316	4.799	ug/L	98
21) 2-Butanone	3.973	43	77228	31.577	ug/L	97
22) cis-1,2-Dichloroethene	3.909	96	47489	4.637	ug/L	99
23) Bromochloromethane	4.243	128	21527	4.731	ug/L	98
25) Chloroform	4.372	83	93950	4.613	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43177	4.248	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	77997	4.680	ug/L	99
30) Cyclohexane	4.674	56	65534	4.262	ug/L	99
31) Carbon tetrachloride	4.825	117	66582	4.603	ug/L	99
33) Benzene	5.098	78	187224	4.763	ug/L	100
34) Trichloroethene	5.912	95	47601	4.454	ug/L	97
35) Methylcyclohexane	6.130	83	74366	4.966	ug/L	93
37) 1,2-Dichloropropane	6.172	63	44661	4.724	ug/L	98
38) Bromodichloromethane	6.506	83	55745	4.786	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	60489	4.834	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	224331	44.165	ug/L	97
42) Toluene	7.387	91	202493	5.075	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	51248	5.023	ug/L	94
45) 1,1,2-Trichloroethane	7.841	97	31648	4.512	ug/L	98
47) Tetrachloroethene	7.976	164	41255	4.773	ug/L	98
48) 2-Hexanone	8.140	43	163769	44.097	ug/L	97
49) Dibromochloromethane	8.246	129	38253	4.658	ug/L	93
50) 1,2-Dibromoethane	8.352	107	29033	4.432	ug/L	98
51) Chlorobenzene	8.883	112	130664	4.984	ug/L	98
52) Ethylbenzene	9.011	91	204954	5.059	ug/L	99
53) m,p-xylene	9.140	106	81256	5.111	ug/L	98
54) o-xylene	9.542	106	77326	5.170	ug/L	98
55) Styrene	9.561	104	138113	5.359	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	34752	4.897	ug/L	97
59) Bromoform	9.731	173	20543	4.384	ug/L	97
60) Isopropylbenzene	9.931	105	208397	4.905	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23991	4.128	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	166190	4.841	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	171447	4.991	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	109554	4.913	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	109795	4.849	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	98682	4.718	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4916	4.647	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.648	180	86370	5.142	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	68070	5.305	ug/L	98
71) Naphthalene	13.503	128	93381	4.578	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	58993	4.876	ug/L	97

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

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