

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027335.D
 Acq On : 12 Aug 2022 18:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 01:39:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin
 Yesilyurt

08/14/2022
 Supervised By :Mahesh
 Dadoda

08/14/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	173873	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	181841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96736	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.301	65	58962	3.903	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.561	69	45360	4.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.101	63	106646	3.893	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	3.883	46	140805	55.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.080%
24) Chloroform-d	4.339	84	126124	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.024	65	61011	4.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.040	84	220862	4.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.063	67	73452	4.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.310	98	196976	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.619	79	26835	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.085	63	115888	52.124	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56717	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	76900	4.606	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	111228	5.383	ug/L	99
3) Chloromethane	1.237	50	94321	4.563	ug/L	98
5) Vinyl chloride	1.307	62	92578	4.802	ug/L	98
6) Bromomethane	1.516	94	45440	5.048	ug/L	100
8) Chloroethane	1.577	64	51785	4.831	ug/L	100
9) Trichlorofluoromethane	1.745	101	128939	5.010	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	62881	5.202	ug/L	98
12) 1,1-Dichloroethene	2.111	96	58296	4.656	ug/L	89
13) Acetone	2.169	43	87558m	46.314	ug/L	
14) Carbon disulfide	2.285	76	228376	4.555	ug/L	100
15) Methyl Acetate	2.429	43	21626	4.698	ug/L	93
16) Methylene chloride	2.497	84	83022	4.129	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	138233	4.730	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	71493	4.642	ug/L	97
19) 1,1-Dichloroethane	3.179	63	138355	4.692	ug/L	97
21) 2-Butanone	3.966	43	136405	52.989	ug/L	94
22) cis-1,2-Dichloroethene	3.902	96	74014	4.887	ug/L	95
23) Bromochloromethane	4.240	128	33385	4.716	ug/L	97
25) Chloroform	4.365	83	145684	4.809	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	80928	4.674	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	124045	4.847	ug/L	98
30) Cyclohexane	4.667	56	107424	5.182	ug/L	99
31) Carbon tetrachloride	4.815	117	110794	4.975	ug/L	99
33) Benzene	5.088	78	295715	4.758	ug/L	100
34) Trichloroethene	5.905	95	74713	4.830	ug/L	99
35) Methylcyclohexane	6.124	83	114475	5.375	ug/L	96
37) 1,2-Dichloropropane	6.166	63	75308	4.902	ug/L	98
38) Bromodichloromethane	6.503	83	92386	4.666	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	98685	5.255	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	374511	47.238	ug/L	99
42) Toluene	7.381	91	325060	5.242	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	83302	5.071	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	50571	4.617	ug/L	98
47) Tetrachloroethene	7.969	164	63159	5.199	ug/L	99
48) 2-Hexanone	8.137	43	277642	48.802	ug/L	99
49) Dibromochloromethane	8.239	129	61122	4.767	ug/L	99
50) 1,2-Dibromoethane	8.349	107	46438	4.769	ug/L	98
51) Chlorobenzene	8.876	112	199878	4.949	ug/L	99
52) Ethylbenzene	9.008	91	323943	5.199	ug/L	100
53) m,p-Xylene	9.133	106	127628	5.371	ug/L	97
54) o-Xylene	9.542	106	119698	5.150	ug/L	94
55) Styrene	9.558	104	213556	5.343	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	54424	4.458	ug/L	96
59) Bromoform	9.728	173	29486	4.520	ug/L	98
60) Isopropylbenzene	9.928	105	319814	5.249	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	41267	4.429	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	81985	4.868	ug/L	95
63) 1,2,4-Trimethylbenzene	10.911	105	245677	5.089	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	157866	5.185	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	155057	5.061	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	139246	4.911	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	8368	4.299	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	112519	5.125	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	81536	4.970	ug/L	98
71) Naphthalene	13.500	128	115148	4.542	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	73723	4.821	ug/L	97

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

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