

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
 Data File : VW027748.D
 Acq On : 06 Sep 2022 17:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005284

Quant Time: Sep 07 06:03:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:56:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	179587	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.857	117	142670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	80411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	56146	4.743	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.558	69	47764	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.098	63	124033	4.938	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	3.940	46	139075	53.012	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.020%
24) Chloroform-d	4.346	84	112310	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.024	65	62293	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.030	84	209433	5.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.050	67	66952m	5.525	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.400%
41) Toluene-d8	7.323	98	187368	5.384	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	7.635	79	20172	4.962	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.117	63	77331	51.173	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.340%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	40704	5.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	62581	4.738	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	84660	4.802	ug/L	100
3) Chloromethane	1.230	50	73861	4.601	ug/L	95
5) Vinyl chloride	1.301	62	80407	4.973	ug/L	99
6) Bromomethane	1.513	94	40733	4.677	ug/L	94
8) Chloroethane	1.577	64	47288	5.093	ug/L	100
9) Trichlorofluoromethane	1.741	101	130839	4.994	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.104	101	64131	5.022	ug/L	99
12) 1,1-Dichloroethene	2.108	96	59155	4.970	ug/L	98
13) Acetone	2.220	43	98942	50.616	ug/L	93
14) Carbon disulfide	2.281	76	172207	4.873	ug/L	99
15) Methyl Acetate	2.449	43	26228	5.059	ug/L	96
16) Methylene chloride	2.497	84	62811	4.098	ug/L	93
17) Methyl tert-butyl Ether	2.780	73	150520	5.328	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	64866	5.161	ug/L	97
19) 1,1-Dichloroethane	3.182	63	125283	5.311	ug/L	99
21) 2-Butanone	4.030	43	150387	54.502	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	68622	5.009	ug/L	99
23) Bromochloromethane	4.243	128	27930	4.855	ug/L	95
25) Chloroform	4.371	83	125751	4.805	ug/L	97

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27) 1,2-Dichloroethane	5.120	62	79179	4.990	ug/L	97
29) 1,1,1-Trichloroethane	4.593	97	115165	5.248	ug/L	97
30) Cyclohexane	4.651	56	93708	5.197	ug/L	97
31) Carbon tetrachloride	4.805	117	98685	5.293	ug/L	99
33) Benzene	5.079	78	241372	5.122	ug/L	100
34) Trichloroethene	5.879	95	67577	5.730	ug/L	97
35) Methylcyclohexane	6.088	83	113822m	6.284	ug/L	
37) 1,2-Dichloropropane	6.153	63	56320	5.037	ug/L	100
38) Bromodichloromethane	6.493	83	79806	5.383	ug/L	98
39) cis-1,3-Dichloropropene	7.040	75	72685	5.148	ug/L	98
40) 4-Methyl-2-pentanone	7.265	43	274365	54.137	ug/L	97
42) Toluene	7.394	91	250692	5.492	ug/L	100
44) trans-1,3-Dichloropropene	7.664	75	60642	5.118	ug/L	100
45) 1,1,2-Trichloroethane	7.850	97	39762	5.488	ug/L	97
47) Tetrachloroethene	7.979	164	49275	5.206	ug/L	95
48) 2-Hexanone	8.165	43	208040	56.464	ug/L	97
49) Dibromochloromethane	8.255	129	48029	5.222	ug/L	100
50) 1,2-Dibromoethane	8.361	107	35771	5.460	ug/L	96
51) Chlorobenzene	8.886	112	153116	5.170	ug/L	99
52) Ethylbenzene	9.014	91	239301	5.055	ug/L	97
53) m,p-Xylene	9.143	106	98622	5.297	ug/L	96
54) o-Xylene	9.545	106	91869	5.176	ug/L	95
55) Styrene	9.564	104	167672	5.463	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	43595	5.369	ug/L	99
59) Bromoform	9.734	173	23812	4.892	ug/L	96
60) Isopropylbenzene	9.934	105	246849	4.907	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	32562	5.113	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	67183	4.742	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	191181	4.747	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	126221	4.955	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	126747	4.937	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	115456	4.991	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6270	4.587	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	93626	4.851	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	69542	4.557	ug/L	98
71) Naphthalene	13.500	128	99637	4.157	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	62469	4.595	ug/L	99

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

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