

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110223\
 Data File : VW032825.D
 Acq On : 01 Nov 2023 15:00
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005311

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/02/2023
 Supervised By :Semsettin Yesilyurt 11/02/2023

Quant Time: Nov 02 01:27:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 02:23:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	127812	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	81596	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	47711	4.545	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.532	69	44782	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.056	65	21418	4.546	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.809	46	116890	51.567	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.140%
24) Chloroform-d	4.249	84	106559	6.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.200%
26) 1,2-Dichloroethane-d4	4.944	65	50657	5.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.800%
32) Benzene-d6	4.960	84	192787	5.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.000%
36) 1,2-Dichloropropane-d6	5.989	67	55362	5.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.000%
41) Toluene-d8	7.243	98	202340	5.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
43) trans-1,3-Dichloroprop...	7.554	79	24293	5.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.400%
46) 2-Hexanone-d5	8.027	63	101206	58.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.060%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	53270	6.007	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.200%#
66) 1,2-Dichlorobenzene-d4	11.564	152	74888	5.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	73138	5.575	ug/L	99
3) Chloromethane	1.214	50	77321	4.996	ug/L	98
5) Vinyl chloride	1.281	62	79174	5.155	ug/L	97
6) Bromomethane	1.487	94	46236	5.158	ug/L	95
8) Chloroethane	1.548	64	52260	5.202	ug/L	100
9) Trichlorofluoromethane	1.712	101	119876	5.797	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	66527	5.456	ug/L	99
12) 1,1-Dichloroethene	2.069	96	62162	5.442	ug/L	87
13) Acetone	2.140	43	117505m	52.510	ug/L	
14) Carbon disulfide	2.240	76	194198	5.366	ug/L	100
15) Methyl Acetate	2.384	43	22461	5.012	ug/L	99
16) Methylene chloride	2.445	84	70943	5.046	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	128599	5.214	ug/L	100
18) trans-1,2-Dichloroethene	2.693	96	61690	5.461	ug/L	97
19) 1,1-Dichloroethane	3.111	63	105399	5.263	ug/L	96
21) 2-Butanone	3.892	43	139713	47.225	ug/L	89
22) cis-1,2-Dichloroethene	3.815	96	61494	5.369	ug/L	94
23) Bromochloromethane	4.149	128	30459	5.717	ug/L	93
25) Chloroform	4.275	83	123584	5.676	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	70867	5.237	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	104677	5.610	ug/L	98
30) Cyclohexane	4.580	56	79153	5.033	ug/L	96
31) Carbon tetrachloride	4.735	117	90446	5.572	ug/L	100
33) Benzene	5.008	78	253368	5.557	ug/L	100
34) Trichloroethene	5.834	95	63548	5.217	ug/L	96
35) Methylcyclohexane	6.050	83	98055	5.387	ug/L	99
37) 1,2-Dichloropropane	6.095	63	56355	5.122	ug/L	99
38) Bromodichloromethane	6.432	83	83901	5.162	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	92175	5.503	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	384933	54.221	ug/L	98
42) Toluene	7.313	91	304675	5.751	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	79913	5.544	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	52021	5.598	ug/L	98
47) Tetrachloroethene	7.905	164	62440	5.800	ug/L	98
48) 2-Hexanone	8.079	43	287397	55.349	ug/L	99
49) Dibromochloromethane	8.178	129	61849	5.611	ug/L	99
50) 1,2-Dibromoethane	8.284	107	47677	5.498	ug/L	100
51) Chlorobenzene	8.815	112	195257	5.579	ug/L	98
52) Ethylbenzene	8.947	91	313310	5.626	ug/L	98
53) m,p-Xylene	9.075	106	119769	5.679	ug/L	97
54) o-Xylene	9.480	106	116662	5.703	ug/L	97
55) Styrene	9.496	104	205858	6.074	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	60292	5.563	ug/L	96
59) Bromoform	9.667	173	33385	5.215	ug/L	98
60) Isopropylbenzene	9.869	105	291527	5.264	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	40564	4.701	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	231820	5.121	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	237936	5.319	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	165053	5.555	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	161611	5.479	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	149501	5.471	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	9047	4.387	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	115323	5.437	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	92264	5.127	ug/L	99
71) Naphthalene	13.442	128	124061	4.350	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	83955	5.305	ug/L	99

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

