

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW029003.D
 Acq On : 15 Nov 2022 20:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

Quant Time: Nov 16 03:22:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/16/2022
 Supervised By :Mahesh Dadoda 11/16/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	297474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	276736	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	144475	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63452	3.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.568	69	65178	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.108	63	132207	4.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.899	46	114871	37.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.680%
24) Chloroform-d	4.342	84	170481	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.030	65	75169	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.047	84	339873	4.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.066	67	95804	4.154	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.310	98	309413	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	7.619	79	29983	3.986	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.088	63	165020	51.391	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	81859	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	114987	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	118883	4.794	ug/L	99
3) Chloromethane	1.240	50	90828	4.413	ug/L	98
5) Vinyl chloride	1.310	62	106789	4.549	ug/L	97
6) Bromomethane	1.523	94	60323	4.299	ug/L	95
8) Chloroethane	1.584	64	64626	4.685	ug/L	99
9) Trichlorofluoromethane	1.751	101	160957	5.085	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	89701	5.005	ug/L	96
12) 1,1-Dichloroethene	2.117	96	89575	4.974	ug/L	92
13) Acetone	2.195	43	69833m	35.760	ug/L	
14) Carbon disulfide	2.291	76	293578	4.591	ug/L	100
15) Methyl Acetate	2.439	43	20743	4.377	ug/L	98
16) Methylene chloride	2.503	84	110749	4.756	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	193586	5.014	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	105281	5.041	ug/L	95
19) 1,1-Dichloroethane	3.185	63	172664	5.057	ug/L	99
21) 2-Butanone	3.985	43	110122	36.423	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	110448	5.202	ug/L	97
23) Bromochloromethane	4.243	128	47991	5.344	ug/L	97
25) Chloroform	4.368	83	185043	5.170	ug/L	95

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27) 1,2-Dichloroethane	5.127	62	94349	5.118	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	158373	4.877	ug/L	98
30) Cyclohexane	4.670	56	156955	4.756	ug/L	99
31) Carbon tetrachloride	4.821	117	136550	4.883	ug/L	99
33) Benzene	5.095	78	415787	4.917	ug/L	100
34) Trichloroethene	5.911	95	106469	4.918	ug/L	97
35) Methylcyclohexane	6.127	83	181201	4.762	ug/L	98
37) 1,2-Dichloropropane	6.169	63	93853	4.813	ug/L	100
38) Bromodichloromethane	6.506	83	117703	4.766	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	124756	4.582	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	434345	51.768	ug/L	94
42) Toluene	7.381	91	459440	5.029	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	97310	4.604	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	67749	5.307	ug/L	97
47) Tetrachloroethene	7.969	164	93389	5.387	ug/L	99
48) 2-Hexanone	8.136	43	307023	52.239	ug/L	98
49) Dibromochloromethane	8.239	129	77914	5.048	ug/L	97
50) 1,2-Dibromoethane	8.349	107	63741	5.375	ug/L #	99
51) Chlorobenzene	8.876	112	298858	5.291	ug/L	98
52) Ethylbenzene	9.005	91	493034	5.184	ug/L	99
53) m,p-Xylene	9.130	106	194533	5.143	ug/L	100
54) o-Xylene	9.535	106	192210	5.345	ug/L	97
55) Styrene	9.554	104	322192	5.342	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	80072	5.381	ug/L #	97
59) Bromoform	9.725	173	38774	4.923	ug/L	96
60) Isopropylbenzene	9.924	105	503495	5.369	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	55281	5.599	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	429636	5.408	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	428470	5.384	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	238668	5.417	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	235591	5.319	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	208954	5.278	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	8483	4.367	ug/L	88
69) 1,3,5-Trichlorobenzene	12.635	180	174584	5.136	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	132785	5.164	ug/L	98
71) Naphthalene	13.493	128	167701	5.055	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	115079	5.284	ug/L	99

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

