

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090622\
 Data File : VW027747.D
 Acq On : 06 Sep 2022 17:13
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV233

Manual Integrations
 APPROVED

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

Quant Time: Sep 07 06:03:24 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	148410	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	54770	5.599	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	112.000%	
7) Chloroethane-d5	1.561	69	47921	5.774	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.400%	
11) 1,1-Dichloroethene-d2	2.101	63	123389	5.944	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	118.800%	
20) 2-Butanone-d5	3.912	46	101263	46.707	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.420%	
24) Chloroform-d	4.343	84	110007	5.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.800%	
26) 1,2-Dichloroethane-d4	5.031	65	54603	5.119	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.400%	
32) Benzene-d6	5.043	84	207157	4.827	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.066	67	58685	4.671	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.313	98	194430	5.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
43) trans-1,3-Dichloroprop...	7.622	79	22098	5.242	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	104.800%	
46) 2-Hexanone-d5	8.092	63	78278	49.957	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.920%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39553	4.902	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59705	4.763	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	86685	5.950	ug/L	97
3) Chloromethane	1.240	50	75214	5.670	ug/L	96
5) Vinyl chloride	1.307	62	78364	5.865	ug/L	98
6) Bromomethane	1.516	94	41367	5.748	ug/L	97
8) Chloroethane	1.577	64	48318	6.297	ug/L	99
9) Trichlorofluoromethane	1.745	101	132778	6.133	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	64789	6.139	ug/L	100
12) 1,1-Dichloroethene	2.108	96	59522	6.052	ug/L	97
13) Acetone	2.191	43	82438m	51.033	ug/L	
14) Carbon disulfide	2.281	76	168771	5.779	ug/L	99
15) Methyl Acetate	2.442	43	18414	4.298	ug/L #	89
16) Methylene chloride	2.500	84	64831	5.118	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	120553	5.164	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	59891	5.766	ug/L	94
19) 1,1-Dichloroethane	3.182	63	114080	5.852	ug/L	96
21) 2-Butanone	3.995	43	103156	45.238	ug/L	81
22) cis-1,2-Dichloroethene	3.905	96	59522	5.258	ug/L #	88
23) Bromochloromethane	4.243	128	27882	5.865	ug/L	90
25) Chloroform	4.368	83	123665	5.718	ug/L	98

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27) 1,2-Dichloroethane	5.130	62	67715	5.164	ug/L	99
29) 1,1,1-Trichloroethane	4.600	97	112586	4.948	ug/L	97
30) Cyclohexane	4.667	56	84292	4.508	ug/L	99
31) Carbon tetrachloride	4.822	117	99546	5.149	ug/L	98
33) Benzene	5.095	78	241226	4.937	ug/L	100
34) Trichloroethene	5.908	95	61234	5.007	ug/L	99
35) Methylcyclohexane	6.127	83	93681	4.988	ug/L	97
37) 1,2-Dichloropropane	6.169	63	58093	5.011	ug/L	99
38) Bromodichloromethane	6.506	83	80243	5.220	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	73898	5.048	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	263949	50.229	ug/L	100
42) Toluene	7.384	91	263930	5.577	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	65906	5.365	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	40590	5.403	ug/L	96
47) Tetrachloroethene	7.973	164	52039	5.303	ug/L	96
48) 2-Hexanone	8.140	43	201594	52.768	ug/L	98
49) Dibromochloromethane	8.243	129	50119	5.255	ug/L	99
50) 1,2-Dibromoethane	8.352	107	35959	5.293	ug/L #	93
51) Chlorobenzene	8.879	112	162065	5.277	ug/L	98
52) Ethylbenzene	9.008	91	257031	5.237	ug/L	100
53) m,p-Xylene	9.137	106	102944	5.332	ug/L	96
54) o-Xylene	9.542	106	95913	5.212	ug/L	97
55) Styrene	9.558	104	173519	5.453	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	42340	5.029	ug/L	98
59) Bromoform	9.728	173	24701	5.347	ug/L	99
60) Isopropylbenzene	9.927	105	261036	5.467	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	31541	5.219	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	68675	5.108	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	190903	4.995	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	121317	5.018	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	122157	5.014	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	111639	5.085	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6653	5.129	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	93925	5.128	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	76338	5.272	ug/L	95
71) Naphthalene	13.500	128	100573	4.421	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	65447	5.073	ug/L	99

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

