

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023883.D
 Acq On : 10 Dec 2021 13:47
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV264

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2021
 Supervised By :Semsettin Yesilyurt 12/13/2021

Quant Time: Dec 11 04:44:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	115383	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31344	5.053	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.000%		
7) Chloroethane-d5	1.568	69	27444	5.303	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.000%		
11) 1,1-Dichloroethene-d2	2.108	63	63696	5.261	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.200%		
20) 2-Butanone-d5	3.902	46	63566m	52.453	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.900%		
24) Chloroform-d	4.342	84	71861	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
26) 1,2-Dichloroethane-d4	5.031	65	33576	5.133	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.600%		
32) Benzene-d6	5.047	84	124971	5.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 109.200%		
36) 1,2-Dichloropropane-d6	6.066	67	36136	5.235	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.600%		
41) Toluene-d8	7.313	98	112546	5.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.200%		
43) trans-1,3-Dichloroprop...	7.622	79	15691	5.479	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 109.600%		
46) 2-Hexanone-d5	8.088	63	71069	55.435	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.880%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28986	5.062	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 101.200%		
66) 1,2-Dichlorobenzene-d4	11.622	152	48498	5.218	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	53299	5.307	ug/L	99
3) Chloromethane	1.240	50	43700	5.093	ug/L	98
5) Vinyl chloride	1.310	62	47890	5.146	ug/L	98
6) Bromomethane	1.523	94	29928	5.060	ug/L	99
8) Chloroethane	1.584	64	30609	5.054	ug/L	96
9) Trichlorofluoromethane	1.751	101	84565	5.229	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	43848	5.148	ug/L	100
12) 1,1-Dichloroethene	2.118	96	40222	5.196	ug/L	96
13) Acetone	2.195	43	43337m	44.699	ug/L	
14) Carbon disulfide	2.291	76	116704	5.197	ug/L	99
15) Methyl Acetate	2.439	43	10934	4.653	ug/L	91
16) Methylene chloride	2.503	84	45722	4.515	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	90633	5.177	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	44543	5.198	ug/L	91
19) 1,1-Dichloroethane	3.185	63	78839	5.126	ug/L	99
21) 2-Butanone	3.982	43	70994m	51.249	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	47057	5.188	ug/L	98
23) Bromochloromethane	4.246	128	21226	5.149	ug/L	91
25) Chloroform	4.371	83	85970	5.028	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	46464	5.016	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	79966	5.291	ug/L	99
30) Cyclohexane	4.674	56	63790	5.322	ug/L	98
31) Carbon tetrachloride	4.822	117	73304	5.160	ug/L	99
33) Benzene	5.095	78	175786	5.379	ug/L	100
34) Trichloroethene	5.912	95	48367	5.247	ug/L	94
35) Methylcyclohexane	6.127	83	71503	5.270	ug/L	98
37) 1,2-Dichloropropane	6.169	63	40765	5.248	ug/L	100
38) Bromodichloromethane	6.506	83	58067	5.277	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	62394	5.411	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	205890	55.179	ug/L	100
42) Toluene	7.384	91	199346	5.420	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	53447	5.362	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	31303	5.447	ug/L	98
47) Tetrachloroethene	7.973	164	44452	5.478	ug/L	98
48) 2-Hexanone	8.137	43	150731	55.712	ug/L	99
49) Dibromochloromethane	8.243	129	40816	5.220	ug/L	99
50) 1,2-Dibromoethane	8.349	107	28900	5.417	ug/L	97
51) Chlorobenzene	8.879	112	129846	5.282	ug/L	97
52) Ethylbenzene	9.011	91	211385	5.447	ug/L	99
53) m,p-xylene	9.136	106	83743	5.457	ug/L	99
54) o-xylene	9.542	106	80964	5.455	ug/L	93
55) Styrene	9.558	104	136487	5.524	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	32334	5.138	ug/L	100
59) Bromoform	9.731	173	23314	5.221	ug/L	100
60) Isopropylbenzene	9.931	105	222257	5.441	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	24188	5.103	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	185627	5.478	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	186724	5.531	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	111908	5.356	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	110225	5.253	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	100012	5.225	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5465	5.279	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	90235	5.251	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	71525	5.300	ug/L	97
71) Naphthalene	13.503	128	101385	5.227	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	63858	5.359	ug/L	99

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

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