

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020922\
 Data File : VW024567.D
 Acq On : 09 Feb 2022 14:20
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV208

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/10/2022
 Supervised By :Mahesh Dadoda 02/18/2022

Quant Time: Feb 09 20:11:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 09 13:41:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	138684	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	137790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56556	4.865	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.568	69	47537	4.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.111	63	123310	4.849	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.899	46	88008m	45.604	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.200%
24) Chloroform-d	4.342	84	103870	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.027	65	47427	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.043	84	203005	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.066	67	59979	4.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.310	98	189795	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	7.619	79	25407	5.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.085	63	92140	53.259	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.520%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38551	5.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	59700	5.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	94483	5.185	ug/L	99
3) Chloromethane	1.243	50	86589	4.829	ug/L	99
5) Vinyl chloride	1.314	62	93051	4.819	ug/L	99
6) Bromomethane	1.523	94	58419	4.914	ug/L	97
8) Chloroethane	1.587	64	56904	4.811	ug/L	96
9) Trichlorofluoromethane	1.754	101	131296	5.031	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	73231	5.033	ug/L #	86
12) 1,1-Dichloroethene	2.121	96	68962	4.803	ug/L	92
13) Acetone	2.188	43	58039m	38.110	ug/L	
14) Carbon disulfide	2.294	76	216952	4.754	ug/L	100
15) Methyl Acetate	2.439	43	13636	3.131	ug/L	95
16) Methylene chloride	2.506	84	64973	4.567	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	141638	4.787	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	69493	4.926	ug/L	93
19) 1,1-Dichloroethane	3.188	63	121633	4.993	ug/L	98
21) 2-Butanone	3.979	43	112491m	44.568	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	70974	4.991	ug/L	91
23) Bromochloromethane	4.243	128	27931	5.171	ug/L	88
25) Chloroform	4.368	83	126609	4.965	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70085	5.013	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	116978	5.175	ug/L	98
30) Cyclohexane	4.674	56	120249	5.164	ug/L	96
31) Carbon tetrachloride	4.825	117	99753	5.211	ug/L	100
33) Benzene	5.095	78	276674	5.145	ug/L	100
34) Trichloroethene	5.908	95	76895	5.193	ug/L	90
35) Methylcyclohexane	6.127	83	128292	5.237	ug/L	98
37) 1,2-Dichloropropane	6.169	63	65931	5.058	ug/L	97
38) Bromodichloromethane	6.506	83	89771	5.182	ug/L #	97
39) cis-1,3-Dichloropropene	7.024	75	103987	5.235	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	333806	49.626	ug/L	99
42) Toluene	7.384	91	302002	5.155	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	87765	5.349	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	42321	5.010	ug/L	96
47) Tetrachloroethene	7.969	164	49973	5.087	ug/L	92
48) 2-Hexanone	8.136	43	244907	53.189	ug/L	100
49) Dibromochloromethane	8.243	129	52605	5.157	ug/L	97
50) 1,2-Dibromoethane	8.349	107	41727	5.263	ug/L #	99
51) Chlorobenzene	8.876	112	184107	5.128	ug/L	92
52) Ethylbenzene	9.008	91	336708	5.166	ug/L	99
53) m,p-xylene	9.133	106	126479	5.123	ug/L	95
54) o-xylene	9.538	106	121979	5.124	ug/L	92
55) Styrene	9.558	104	202157	5.172	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43816	5.121	ug/L	96
59) Bromoform	9.728	173	24478	5.310	ug/L #	96
60) Isopropylbenzene	9.927	105	333603	5.098	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	36122	5.079	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	284053	5.070	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	285222	5.121	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	138426	5.197	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	135973	5.140	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	121490	5.138	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.426	75	6746	4.883	ug/L	82
69) 1,3,5-Trichlorobenzene	12.641	180	97681	5.155	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	81383	5.319	ug/L	97
71) Naphthalene	13.500	128	151084	5.451	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	67548	5.249	ug/L	98

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

