

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010422\
 Data File : VW024271.D
 Acq On : 04 Jan 2022 17:23
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda
 01/07/2022

Supervised By :Amit
 Patel
 01/07/2022

Quant Time: Jan 05 01:09:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 04 18:34:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	90082	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	91152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35229	4.815	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.568	69	27956	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.108	63	51972	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.912	46	46520m	48.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.820%
24) Chloroform-d	4.342	84	65040	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.027	65	33836	5.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.047	84	123999	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.066	67	33667	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.313	98	117200	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.622	79	13931	4.583	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.088	63	42038	44.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	21245	4.399	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	46260	5.400	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2380	0.210	ug/L	98
3) Chloromethane	1.240	50	1826	0.241	ug/L	99
5) Vinyl chloride	1.310	62	1806	0.217	ug/L #	59
6) Bromomethane	1.523	94	1256	0.227	ug/L	85
8) Chloroethane	1.584	64	1658	0.316	ug/L	94
9) Trichlorofluoromethane	1.754	101	3535	0.214	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2334	0.280	ug/L	89
12) 1,1-Dichloroethene	2.117	96	2046	0.288	ug/L #	1
13) Acetone	2.230	43	1764m	1.929	ug/L	
14) Carbon disulfide	2.294	76	4028	0.241	ug/L #	91
15) Methyl Acetate	2.439	43	416	0.217	ug/L #	50
16) Methylene chloride	2.507	84	9297	0.853	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	3658	0.214	ug/L #	90
18) trans-1,2-Dichloroethene	2.757	96	1687	0.223	ug/L	87
19) 1,1-Dichloroethane	3.191	63	2869	0.213	ug/L	95
21) 2-Butanone	4.011	43	2420m	1.951	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	1651m	0.199	ug/L	
23) Bromochloromethane	4.249	128	686m	0.186	ug/L	
25) Chloroform	4.368	83	4170	0.259	ug/L	86

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
27) 1,2-Dichloroethane	5.143	62	1773	0.199	ug/L	#	73
29) 1,1,1-Trichloroethane	4.603	97	3233	0.207	ug/L	#	86
30) Cyclohexane	4.680	56	2045	0.208	ug/L	#	27
31) Carbon tetrachloride	4.828	117	3023	0.212	ug/L		100
33) Benzene	5.105	78	6665	0.222	ug/L		100
34) Trichloroethene	5.921	95	1716	0.204	ug/L		85
35) Methylcyclohexane	6.124	83	2567	0.219	ug/L		91
37) 1,2-Dichloropropane	6.172	63	1626	0.233	ug/L	#	84
38) Bromodichloromethane	6.516	83	2183	0.199	ug/L		94
39) cis-1,3-Dichloropropene	7.030	75	2335	0.220	ug/L		96
40) 4-Methyl-2-pentanone	7.233	43	5400	1.513	ug/L	#	85
42) Toluene	7.391	91	8416	0.243	ug/L		100
44) trans-1,3-Dichloropropene	7.661	75	2012	0.210	ug/L		89
45) 1,1,2-Trichloroethane	7.847	97	1102	0.194	ug/L		91
47) Tetrachloroethene	7.973	164	1754	0.224	ug/L		93
48) 2-Hexanone	8.146	43	10386m	3.945	ug/L		
49) Dibromochloromethane	8.246	129	1540	0.197	ug/L		84
50) 1,2-Dibromoethane	8.355	107	955	0.186	ug/L	#	65
51) Chlorobenzene	8.879	112	4835	0.202	ug/L	#	88
52) Ethylbenzene	9.014	91	7168	0.189	ug/L		95
53) m,p-xylene	9.146	106	3026	0.199	ug/L		89
54) o-xylene	9.542	106	2627	0.177	ug/L		86
55) Styrene	9.567	104	4313	0.172	ug/L		92
57) 1,1,2,2-Tetrachloroethane	10.239	83	1157	0.201	ug/L	#	78
59) Bromoform	9.738	173	844	0.205	ug/L	#	84
60) Isopropylbenzene	9.934	105	7237	0.199	ug/L		98
61) 1,2,3-Trichloropropane	10.278	75	882	0.221	ug/L		93
62) 1,3,5-Trimethylbenzene	10.538	105	6232	0.200	ug/L		92
63) 1,2,4-Trimethylbenzene	10.915	105	6328	0.199	ug/L		100
64) 1,3-Dichlorobenzene	11.181	146	4136	0.214	ug/L		98
65) 1,4-Dichlorobenzene	11.275	146	4108	0.213	ug/L		96
67) 1,2-Dichlorobenzene	11.644	146	3752	0.215	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.432	75	78	0.089	ug/L		98
69) 1,3,5-Trichlorobenzene	12.648	180	3224	0.202	ug/L		93
70) 1,2,4-trichlorobenzene	13.265	180	2474	0.197	ug/L		90
71) Naphthalene	13.509	128	3771	0.215	ug/L	#	93
72) 1,2,3-Trichlorobenzene	13.747	180	2344	0.217	ug/L		92

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

